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Undergraduate Curriculum and Academic Policy Committee

6-3-2012

Semester Courses and Course Equivalents: Graduate Courses Detailed

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Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3245 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 5/17/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS701 - Research Methods I **STUDENT REC TITLE:** Research Methods I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Emphasis on research designs, testing hypotheses, and techniques for collecting data such as questionnaire formation, sampling, surveys, scaling, interviewing, and analysis of documents and records.. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 701
	VERSION: REV **COURSE:** ABS7100 - Research Methods I **STUDENT REC TITLE:** Research Methods I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasis on research designs, testing hypotheses, and data collection techniques such as sampling, surveys, questionnaire design, scaling, interviewing, and techniques for analysis of documents and records. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3249 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 5/17/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS702 - Research Methods II **STUDENT REC TITLE:** Research Methods II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis and interpretation of data in social research, with emphasis on multivariate statistical techniques. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ABS 701 QTR EQUIV: ABS 702
	VERSION: REV **COURSE:** ABS7110 - Research Methods II **STUDENT REC TITLE:** Research Methods II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis and interpretation of data in social research, with emphasis on multivariate statistical techniques. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ABS 701 QTR EQUIV: ABS 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3617 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/3/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS703 - Applied Methodology **STUDENT REC TITLE:** Applied Methodology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Addresses issues pertaining to the collection and analysis of data in various settings, for the purpose of program evaluation, policy analysis, and other applied objectives. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ABS 702 QTR EQUIV: ABS 703
	VERSION: REV **COURSE:** ABS7120 - Applied Methodology **STUDENT REC TITLE:** Applied Methodology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Addresses issues pertaining to contemporary research writing in terms of the integration of problem statements, literature review, presentation of methodology, data summary, conclusions, and ethical issues. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ABS 702 QTR EQUIV: ABS 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3618 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/3/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS751 - Theoretical Foundations **STUDENT REC TITLE:** Theoretical Foundations **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focuses on theories of anomie, alienation, social disorganization, and social dysfunction that underline contemporary paradigms in the study of deviance, criminology, and criminal justice. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 751
	VERSION: REV **COURSE:** ABS7200 - Theoretical Foundations **STUDENT REC TITLE:** Theoretical Foundations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on theories of anomie, alienation, social disorganization, and social dysfunction that underline contemporary paradigms in the study of deviance, criminology, and criminal justice. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 751

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3619 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/3/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS752 - Explaining Crime **STUDENT REC TITLE:** Explaining Crime **EFFECTIVE:** Fall 2010 **COURSE DESC:** Study of contemporary theories of deviant behavior from both an institutional and social-psychological perspective, with emphasis on the relationship between social change and social disorganization. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 752
	VERSION: REV **COURSE:** ABS7210 - Explaining Crime **STUDENT REC TITLE:** Explaining Crime **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of contemporary theories of deviant behavior from both an institutional and social-psychological perspective, with emphasis on the relationship between social change and social disorganization. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 752

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3621 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/3/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS753 - Seminar on Criminal Justice **STUDENT REC TITLE:** Seminar on Criminal Justice **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as SOC 770). An investigation of the criminal justice system in the United States and its relation to deviant adult and juvenile behavior. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ABS 752 QTR EQUIV: ABS 753
	VERSION: REV **COURSE:** ABS7220 - Seminar on Criminal Justice **STUDENT REC TITLE:** Sem on Criminal Justice **EFFECTIVE:** Fall 2012 **COURSE DESC:** An investigation of the criminal justice system in the United States and its relation to deviant adult and juvenile behavior. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ABS 752 QTR EQUIV: ABS 753

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3626 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/4/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS788 - Graduate Seminar in ABS **STUDENT REC TITLE:** Graduate Seminar in ABS **EFFECTIVE:** Fall 2010 **COURSE DESC:** In-depth coverage of special topics in applied behavioral science. Topics vary. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 788
	VERSION: REV **COURSE:** ABS7600 - Graduate Seminar in ABS **STUDENT REC TITLE:** Graduate Seminar in ABS **EFFECTIVE:** Fall 2012 **COURSE DESC:** In-depth coverage of special topics in applied behavioral science. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 2 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 9 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 788

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3624 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/4/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS777 - Independent Research **STUDENT REC TITLE:** Independent Research **EFFECTIVE:** Fall 2010 **COURSE DESC:** Independent laboratory or field research under the sponsorship of a faculty supervisor. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 777
	VERSION: REV **COURSE:** ABS7700 - Independent Research **STUDENT REC TITLE:** Independent Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent laboratory or field research under the sponsorship of a faculty supervisor. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 9 REP TIMES: 9 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: To enroll in this course students are required to: 1) have a minimum 3.0 grade point average, and 2) complete an independent study contract in consultation with a department faculty member. QTR EQUIV: ABS 777

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3625 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/4/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS779 - Practicum in Applied Behavioral Science **STUDENT REC TITLE:** Practicum in ABS **EFFECTIVE:** Fall 2010 **COURSE DESC:** On-site participation of students in selected behavioral science projects. Jointly supervised by faculty and on-site personnel. May be repeated once for credit. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ABS 703 QTR EQUIV: ABS 779
	VERSION: REV **COURSE:** ABS7790 - Practicum in Applied Behavioral Science **STUDENT REC TITLE:** Practicum in ABS **EFFECTIVE:** Fall 2012 **COURSE DESC:** On-site participation of students in selected behavioral science projects. Jointly supervised by faculty and on-site personnel. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 3 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. QTR PREREQ: Graduate level ABS 703 QTR EQUIV: ABS 779

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
3627 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/4/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2010 **COURSE DESC:** Continuing Registration. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 789
	VERSION: REV **COURSE:** ABS7800 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuing Registration. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3628 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/4/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS798 - ABS Graduate Project **STUDENT REC TITLE:** ABS Graduate Project **EFFECTIVE:** Fall 2010 **COURSE DESC:** Practical Application of knowledge gained through student courses is applied to a capstone experience. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 798
	VERSION: REV **COURSE:** ABS7900 - ABS Graduate Project **STUDENT REC TITLE:** ABS Graduate Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical application of knowledge gained through courses applied to a capstone experience. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 798

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3629 **STATUS:** Complete **CREATOR:** Karen Lahm **CREATED:** 6/4/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** ABS799 - Graduate Thesis Research **STUDENT REC TITLE:** Graduate Thesis Research **EFFECTIVE:** Fall 2010 **COURSE DESC:** Research for the Master's degree thesis. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 799
	VERSION: REV **COURSE:** ABS7910 - Graduate Thesis Research **STUDENT REC TITLE:** Graduate Thesis Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research for the Master's degree thesis. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ABS 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7838 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 6/6/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** CURR **COURSE:** ACC309 - Advanced Accounting **STUDENT REC TITLE:** Advanced Accounting **EFFECTIVE:** Fall 2011 **COURSE DESC:** To study the accounting principles and techniques used to consolidate parent and subsidiary companies at the date of combination and in subsequent periods. A grade of C or better is required in ACC 308. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Degrees: BS in Business May not be enrolled as the following Classifications: Freshman QTR PREREQ: ACC 308 Minimum Grade of C QTR EQUIV: ACC 309
	VERSION: REV **COURSE:** ACC7390 - Advanced Accounting **STUDENT REC TITLE:** Advanced Accounting **EFFECTIVE:** Fall 2012 **COURSE DESC:** To study the accounting principles and techniques used to consolidate parent and subsidiary companies at the date of combination and in subsequent periods. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in MACC program and have completed ACC 3020 or equivalent SEM PREREQ: Must be enrolled in MACC program and have completed ACC 3020 or equivalent QTR PREREQ: ACC 308 Minimum Grade of C QTR EQUIV: ACC 309

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7840 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 6/6/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** REV **COURSE:** ACC7160 - CPA Exam Concepts **STUDENT REC TITLE:** CPA Exam Concepts **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course reviews material typically covered on the CPA exam. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in MACC program or receive permission of the Department. SEM PREREQ: ACC 7410 or permission of the Department.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7833 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 6/6/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** CURR **COURSE:** ACC741 - Financial Accounting Advanced Topics and Research **STUDENT REC TITLE:** Fin ACC Adv Topics/Resrch **EFFECTIVE:** Fall 2011 **COURSE DESC:** A survey of accounting theory, standard setting and accounting procedures. Includes an intensive study of the balance sheet and income statement and the underlying accounting principles. Accounting research will be integrated throughout the course. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level ACC 612 QTR EQUIV: ACC 741
	VERSION: REV **COURSE:** ACC7410 - Financial Accounting Advanced Topics and Research **STUDENT REC TITLE:** Fin ACC Adv Topics/Res **EFFECTIVE:** Fall 2012 **COURSE DESC:** A survey of accounting theory, standard setting and accounting procedures. Includes an intensive study of the balance sheet and income statement and the underlying accounting principles. Accounting research will be integrated throughout the course. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: Graduate level ACC 3020 QTR PREREQ: Graduate level ACC 612 QTR EQUIV: ACC 741

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7837 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 6/6/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** CURR **COURSE:** ACC743 - Tax-Advanced Topics and Research **STUDENT REC TITLE:** Tax-Adv Topic/Research **EFFECTIVE:** Fall 2011 **COURSE DESC:** Introduction to the methodology of tax research and the authoritative tax sources. Applications of research techniques in the analysis of special tax topics related to individuals, corporations, partnerships, estates and trusts. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: (ACC 444 or Graduate level ACC 614) QTR EQUIV: ACC 743
	VERSION: REV **COURSE:** ACC7430 - Tax-Advanced Topics and Research **STUDENT REC TITLE:** Tax-Adv Topic/Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the methodology of tax research and the authoritative tax sources. Applications of research techniques in the analysis of special tax topics related to individuals, corporations, partnerships, estates and trusts. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: Must be enrolled in MACC and have completed ACC 4440 or equivalent. QTR PREREQ: (ACC 444 or Graduate level ACC 614) QTR EQUIV: ACC 743

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7834 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 6/6/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** CURR **COURSE:** ACC744 - Advanced Attestation Topics and Research **STUDENT REC TITLE:** Attestation Top/Research **EFFECTIVE:** Fall 2011 **COURSE DESC:** This course provides in depth coverage of professional standards and audit procedures applied to specific business processes, including statistical sampling techniques tests of controls, substantive tests of transactions and balances and analytical procedures. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level ACC 616 QTR EQUIV: ACC 744
	VERSION: REV **COURSE:** ACC7440 - Advanced Attestation Topics and Research **STUDENT REC TITLE:** Attestation Top/Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides in depth coverage of professional standards and audit procedures applied to specific business processes, including statistical sampling techniques tests of controls, substantive tests of transactions and balances and analytical procedures. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: Graduate level ACC 4230 QTR PREREQ: Graduate level ACC 616 QTR EQUIV: ACC 744

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7839 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 6/6/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** REV **COURSE:** ACC7460 - Financial Statement Analysis **STUDENT REC TITLE:** Fin Statement Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Financial Statement presentations are analyzed from an accounting perspective with heavy emphasis on footnote analysis and the impact on the financial statements. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in MACC program SEM PREREQ: Must be enrolled in MACC program

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8056 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 10/19/11 **APPROVED:** 1/24/12 WorkFlow	**VERSION:** CURR **COURSE:** ACC747 - Professional Issues Seminar **STUDENT REC TITLE:** Professional Issues Sem **EFFECTIVE:** Winter 2012 **COURSE DESC:** This course is a review of professional certification examination requirements and study techniques. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Accountancy - MACC May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** ACC7470 - Current Topics in Accounting **STUDENT REC TITLE:** Current Topics Acctg. **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is an overview of issues directly impacting the accounting profession or issues impacting business that indirectly effect the accounting profession. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Accountancy - MACC May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7835 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 6/6/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** CURR **COURSE:** ACC748 - Ethics & Corporate Governance for Professional Accountants **STUDENT REC TITLE:** Ethics & Corp Governance **EFFECTIVE:** Fall 2011 **COURSE DESC:** Provides students an understanding of sound corporate governance principles and an ability to apply professional ethics standards for accountants and an awareness of ethical dilemmas commonly faced by accounting professionals. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Accountancy - MACC May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Must be enrolled in MACC QTR EQUIV: ACC 748
	VERSION: REV **COURSE:** ACC7480 - Ethics & Corporate Governance for Professional Accountants **STUDENT REC TITLE:** Ethics & Corp Governance **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides students an understanding of sound corporate governance principles and an ability to apply professional ethics standards for accountants and an awareness of ethical dilemmas commonly faced by accounting professionals. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Accountancy - MACC May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Must be enrolled in MACC QTR PREREQ: Must be enrolled in MACC QTR EQUIV: ACC 748

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7836 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 6/6/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** CURR **COURSE:** ACC750 - Graduate Project in ACC **STUDENT REC TITLE:** Graduate Project in ACC **EFFECTIVE:** Fall 2011 **COURSE DESC:** Student teams work with client organizations on accounting projects and present results to client personnel and a panel of accounting professionals. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Accountancy - MACC May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ACC 750
	VERSION: REV **COURSE:** ACC7500 - Graduate Project in ACC **STUDENT REC TITLE:** Graduate Project in ACC **EFFECTIVE:** Fall 2012 **COURSE DESC:** Student teams work with client organizations on accounting projects and present results to client personnel and a panel of accounting professionals. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Accountancy - MACC May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Must be enrolled in MACC and have completed 12 semester hours in the MACC. Must have completed ACC 7410 and ACC 7480. QTR EQUIV: ACC 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8053 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 10/18/11 **APPROVED:** 11/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ACC775 - Accounting Internship **STUDENT REC TITLE:** Accounting Internship **EFFECTIVE:** Winter 2012 **COURSE DESC:** One quarter, faculty-supervised internship in the area of public, industrial, or not-for-profit accounting. Course requires written reports. Students may register for internship twice during their graduate programs. May be taken for letter grade of pass/unsatisfactory. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Programs: Accountancy - MACC May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ACC 775
	VERSION: REV **COURSE:** ACC7750 - Accounting Internship **STUDENT REC TITLE:** Accounting Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** One semester, faculty-supervised internship in the area of public, industrial, or not-for-profit accounting. Course requires written reports. Students may register for internship once during their graduate programs. May be taken for letter grade of pass/unsatisfactory. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Accountancy - MACC May not be enrolled in one of the following Levels: Undergraduate Must have permission of instructor QTR EQUIV: ACC 775

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8055 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 10/19/11 **APPROVED:** 11/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ACC780 - Special Topics in Accounting **STUDENT REC TITLE:** Special Topics in ACC **EFFECTIVE:** Winter 2012 **COURSE DESC:** Titles vary. Seminar in accounting topic of current interest. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** ACC7800 - Special Topics in Accounting **STUDENT REC TITLE:** Special Topics in ACC **EFFECTIVE:** Fall 2012 **COURSE DESC:** Titles vary. Seminar in accounting topic of current interest. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business: Must be enrolled in Master of Accounting Program

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8400 **STATUS:** Process **CREATOR:** James Greenspan **CREATED:** 2/2/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** ACC781 - Special Studies in Accounting **STUDENT REC TITLE:** Special Studies in ACC **EFFECTIVE:** Fall 2012 **COURSE DESC:** Titles vary. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: ACC 781
	VERSION: REV **COURSE:** ACC7810 - Special Studies in Accounting **STUDENT REC TITLE:** Special Studies in ACC **EFFECTIVE:** Fall 2012 **COURSE DESC:** Titles vary. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: Raj Soin College of Business. Department of Accountancy permission required. QTR EQUIV: ACC 781

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6707 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 12/14/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** AED631 - Art and the Child **STUDENT REC TITLE:** Art and the Child **EFFECTIVE:** Winter 2011 **COURSE DESC:** Develops and understanding of child growth and development through creative expression. Emphasis is on functions and procedures of art in the classroom and experiences in drawing and painting. Emphasis on assessment and use of technology. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: AED 631
	VERSION: REV **COURSE:** AED6680 - Multi-age Visual Arts: Curriculum and Materials I **STUDENT REC TITLE:** MA: Vis Arts: C&M I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical / practical methods of teaching multi-age visual arts. Integration of artistic and educational ideas into creative programs as a continuum of issues/skills for the developing art educator with mentorship by master teachers. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: MultiAge: Visual Arts Education Program or instructor permission. ADD INFO: Required for Ohio licensure in MultiAge Visual Arts QTR EQUIV: AED 631

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6708 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 12/14/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** AED638 - Multi-Age Visual Arts Methods **STUDENT REC TITLE:** Multi-Age Visual Arts Methods **EFFECTIVE:** Winter 2011 **COURSE DESC:** Theoretical/practical methods of teaching multi-age visual arts. Integration of artistic and educational ideas into creative programs as continuum of issues and skills for the developing art education with mentorship by master teachers. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: AED 638
	VERSION: REV **COURSE:** AED6780 - Multi-age Visual Arts: Curriculum and Materials II **STUDENT REC TITLE:** MA: Visual Arts: C&M II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical / practical methods of teaching multi-age visual arts. Integration of artistic and educational ideas into creative programs as a continuum of issues/skills for the developing art educator with mentorship by master teachers. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: MultiAge: Visual Arts Education Program or instructor permission ADD INFO: Required for Ohio licensure in MultiAge Visual Arts COREQ: ED 6480 QTR EQUIV: AED 638

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4327 **STATUS:** Complete **CREATOR:** Sharon Jones **CREATED:** 7/24/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** AFS6020 - Ideas of Race and Racism in America, 1619-1900 **STUDENT REC TITLE:** Ideas of Race 1619-1900 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical development of ideas of race and racism in America from 1619 to 1900. Analyzes race and racism in America from a variety of perspectives. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following classifications: Graduate. QTR EQUIV: AFS 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4329 **STATUS:** Complete **CREATOR:** Sharon Jones **CREATED:** 7/24/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** AFS6030 - Ideas of Race and Racism in America, 1900 to the present **STUDENT REC TITLE:** Ideas of Race 1900-Pres **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical development of ideas of race and racism in America from 1900 to the present. Analysis of race and racism in America from a variety of perspectives. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following classifications: Graduate. QTR EQUIV: AFS 603

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4948 **STATUS:** Complete **CREATOR:** Sharon Jones **CREATED:** 9/9/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** AFS6990 - Special Topics in African and African American Studies **STUDENT REC TITLE:** Special Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics relevant to historical and current issues in African and African American Studies. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1678 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/15/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** ANT310 - Human Anatomy and Physiology I **STUDENT REC TITLE:** Human Anat and Physiol I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of the structure and function of the human body. Topics covered include anatomical terminology, biochemistry, cells, tissues, integumentary system, skeletal system, articulations, and endocrine system. Laboratory exercised use human material. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR PREREQ: CHM 102 Minimum Grade of C or CHM 121 Minimum Grade of C
	VERSION: REV **COURSE:** ANT5100 - Advanced Human Structure & Function I **STUDENT REC TITLE:** Adv Hum Struc & Func I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Detailed study of the structure and function of the human body. The course begins with anatomical terminology and the characteristics, maintenance and basis of life and moves onto the structure of cells with emphasis on function. Body systems are then covered, which include the integumentary system, skeletal system and articulations, nervous system, special senses and muscular system. Laboratory exercises use human donors. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CHM 1020 Minimum Grade of C or CHM 1210 Minimum Grade of C COREQ: ANT 5100L QTR PREREQ: CHM 102 Minimum Grade of C or CHM 121 Minimum Grade of C

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1662 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/15/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** ANT310L - Human Anatomy and Physiology I Lab **STUDENT REC TITLE:** Human Anat and Physiol I Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lab
	VERSION: REV **COURSE:** ANT5100L - Advanced Human Structure & Fuction I Lab **STUDENT REC TITLE:** Adv Hum Str & Func I Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required Laboratory for ANT 5100. Laboratory exercises use human donors. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 COREQ: ANT 5100 SPC FEE: Anatomy Course Fee (2009), $30

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1679 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/15/10 **APPROVED:** 11/15/10 WorkFlow	**VERSION:** CURR **COURSE:** ANT312 - Human Anatomy and Physiology III **STUDENT REC TITLE:** Human Anat & Physiol III **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of the structure and function of the human body. Topics covered include cardiovascular system, digestive system, respiratory system, urinary system, acid-base balance, and reproductive system. Laboratory exercises as human materials. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR PREREQ: ANT 311 Minimum Grade of C
	VERSION: REV **COURSE:** ANT5120 - Advanced Human Structure and Fuction II **STUDENT REC TITLE:** Adv Hum Str &Func II Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Detailed study of the structure and function of the human body. The course begins with the endocrine system and moves onto the cardiovascular system and lymphatic system. This is then followed by the respiratory system and urinary system. The course concludes with acid-base balance, fluid balance, reproductive system and digestive system. Laboratory exercises use human donors. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: Graduate level ANT 5100 Minimum Grade C COREQ: ANT 5120L QTR PREREQ: ANT 311 Minimum Grade of C

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1682 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/15/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ANT312L - Human Anatomy and Physiology III Lab **STUDENT REC TITLE:** Human Anat & Physiol III Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lab
	VERSION: REV **COURSE:** ANT5120L - Human Anatomy and Physiology II Lab **STUDENT REC TITLE:** Human ANT & Phys II Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required Laboratory for ANT 5120. Laboratory exercises use human donors. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 COREQ: ANT 5120 SPC FEE: Anatomy Course Fee (2009), $30

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1686 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/15/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ANT634 - BIological Safety **STUDENT REC TITLE:** BIological Safety **EFFECTIVE:** Winter 2010 **COURSE DESC:** The basic principles and practices of biosafety are examined. This course teaches the identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** ANT6340 - Biological Safety **STUDENT REC TITLE:** Biological Safety **EFFECTIVE:** Fall 2012 **COURSE DESC:** Identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate XLIST: EES 6750, EES 4750, BMS 8170, BIO 4340, M&I 6340

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2714 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 4/9/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ANT699 - Special Problems in Anatomy **STUDENT REC TITLE:** Spec Problems in Anatomy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Maximum of 4 credit hours applicable to degree requirements. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT6990 - Special Problems in Anatomy **STUDENT REC TITLE:** Spec Problems in Anatomy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special Anatomical problems or research designed for specific needs and talents of the student. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 4 RESTRICTION: By permission of instructor.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1688 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/15/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ANT700 - Topics of Instruction in Human Anatomy **STUDENT REC TITLE:** Human Anatomy Instruction **EFFECTIVE:** Winter 2010 **COURSE DESC:** Overview of gross anatomy, histology, neuroanatomy, embryology, and educational theory that enables students to be more effective in the teaching of undergraduate courses in anatomy. For first-year graduate teaching assistants in the Department of Anatomy only. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT7000 - Topics of Instruction in Human Anatomy **STUDENT REC TITLE:** Human Anatomy Instruct **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of gross anatomy, histology, neuroanatomy, embryology, and educational theory that enables students to be more effective in the teaching of undergraduate courses in anatomy. For first-year graduate teaching assistants in the Department of Anatomy only. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 2 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9113 **STATUS:** Process **CREATOR:** Kimberly Hagler **CREATED:** 5/24/12 **APPROVED:** 5/30/12 WorkFlow	**VERSION:** CURR **COURSE:** ANT7000 - Topics of Instruction in Human Anatomy **STUDENT REC TITLE:** Human Anatomy Instruct **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of gross anatomy, histology, neuroanatomy, embryology, and educational theory that enables students to be more effective in the teaching of undergraduate courses in anatomy. For first-year graduate teaching assistants in the Department of Anatomy only. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** ANT7000 - Topics of Instruction in Human Anatomy **STUDENT REC TITLE:** Human Anatomy Instruct **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of gross anatomy, histology, neuroanatomy, embryology, and educational theory that enables students to be more effective in the teaching of undergraduate courses in anatomy. For first-year graduate teaching assistants in the Department of Anatomy only. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 2 REP TIMES: 0 RESTRICTION: Instructor permission only.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1691 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/15/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ANT701 - Selected Topics in Anatomy **STUDENT REC TITLE:** Selected Anatomy Topics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Selected topics in anatomy. Topics vary. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT7010 - Selected Topics in Anatomy **STUDENT REC TITLE:** Selected Topics in ANT **EFFECTIVE:** Fall 2012 **COURSE DESC:** A selected area of anatomy is discussed in greater detail than in basic anatomy courses. Some topics may include laboratory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 5 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1693 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/15/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ANT702 - Anatomical Techniques **STUDENT REC TITLE:** Anatomical Techniques **EFFECTIVE:** Winter 2010 **COURSE DESC:** Students will learn to prepare anatomical specimens for teaching and research. Techniques will include preparation of prosected materials, preparation of tissues for microscopy, processing of photographic materials, or other laboratory techniques. The course may be repeated once for credit. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ANT 711 Minimum Grade of C and Graduate level ANT 721 Minimum Grade of C
	VERSION: REV **COURSE:** ANT7020 - Anatomical Techniques **STUDENT REC TITLE:** Anatomical Techniques **EFFECTIVE:** Fall 2012 **COURSE DESC:** Anatomical Techniques is a laboratory rotation, and is required of all students who select the Course Option, Anatomy Masters degree. Students spend a minimum of one semester in a research laboratory learning one or more research techniques. Other opportunities may be available to fulfill the requirements of this course. These include, for example, developing educational software for use in anatomy courses, or doing special cadaver donor prosections for use in the anatomy courses. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 2 RESTRICTION: By permission of instructor. SEM PREREQ: Graduate level ANT 7110 Minimum Grade of C and Graduate level ANT 7210 Minimum Grade of C QTR PREREQ: Graduate level ANT 711 Minimum Grade of C and Graduate level ANT 721 Minimum Grade of C

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1740 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/19/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ANT711 - Human Gross Anatomy **STUDENT REC TITLE:** Human Gross Anatomy **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 837.) Lectures and dissection of human cadaver; includes introductory embryology. 3.5 hours lecture, 9 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 9 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT7110 - Human Gross Anatomy **STUDENT REC TITLE:** Human Gross Anatomy **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as BMS 8370.) Lectures and dissection of human cadaver donor. **COLLEGE:** College of Science & Math **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. XLIST: BMS 8370 SPC FEE: Anatomy Course Fee (2009), $30 Anatomy Course Fee (2009), $30 Anatomy Course Fee (2009), $30 Anatomy Course Fee (2009), $30 Anatomy Course Fee (2009), $30

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
878 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 12/8/09 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** REV **COURSE:** ANT7150 - Advanced Human Embryology **STUDENT REC TITLE:** Adv Human Embryology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Classical and contemporary issues in human developmental biology. Emphasis is on the clinical relevance of developmental processes, and on modern methods used to study the mechanisms of development. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. QTR PREREQ: Graduate level ANT 711 Minimum Grade of C

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1744 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/19/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** ANT721 - Human Microanatomy **STUDENT REC TITLE:** Human Microanatomy **EFFECTIVE:** Winter 2010 **COURSE DESC:** Detailed microanatomy of human cells, tissues, and organ systems. 3 hours lecture, 6 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 8 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT7210 - Human Microanatomy **STUDENT REC TITLE:** Human Microanatomy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Detailed microanatomy of human cells, tissues, and organ systems. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. XLIST: BMS 8380

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1755 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/19/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ANT731 - Human Neurobiology **STUDENT REC TITLE:** Human Neurobiology **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 903.) Detailed survey of the anatomy and physiology of the major fiber tracts and cell groups of the human central nervous system. 3 hours lecture, 4 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 7 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT7310 - Human Neurobiology **STUDENT REC TITLE:** Human Neurobiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as BMS 903.) Detailed survey of the anatomy and physiology of the major fiber tracts and cell groups of the human central nervous system. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate or by permission of instructor. XLIST: BMS 9030

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1750 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/19/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ANT789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT7890 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuing Registration **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1812 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/20/10 **APPROVED:** 1/4/12 WorkFlow	**VERSION:** CURR **COURSE:** ANT800 - Anatomy Seminar **STUDENT REC TITLE:** Anatomy Seminar **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics vary. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT8000 - Anatomy Seminar **STUDENT REC TITLE:** Anatomy Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Two seminars (Anatomy Seminar I and II) run concurrent with the Department of Neuroscience, Cell Biology and Physiology Seminar Series. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1751 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/19/10 **APPROVED:** 7/16/10 WorkFlow	**VERSION:** CURR **COURSE:** ANT811 - Comprehensive Anatomy **STUDENT REC TITLE:** Comprehensive Anatomy **EFFECTIVE:** Winter 2010 **COURSE DESC:** Integrates general principles and concepts of the following systems: cardiovascular, gastrointestinal, lymphatic, nervous, respiratory, endocrine, integumentary, muscular, reproductive, and urinary. Knowledge is assessed by an oral examination before a faculty review committee. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT8110 - Comprehensive Anatomy **STUDENT REC TITLE:** Comprehensive Anatomy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Integrates general principles and concepts of the following systems: cardiovascular, gastrointestinal, lymphatic, nervous, respiratory, endocrine, integumentary, muscular, reproductive, and urinary. Knowledge is assessed by an oral examination before a faculty review committee. Graded pass/fail. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1752 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/19/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ANT850 - Scholarly Project I **STUDENT REC TITLE:** Scholarly Project I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Intensive analysis of scientific literature with emphasis on content and organization of anatomical journal articles. Course concludes with oral presentations of student projects involving contemporary anatomical issues based on selected journal articles. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT8500 - Scholarly Project **STUDENT REC TITLE:** Scholarly Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive analysis of scientific literature with emphasis on content and organization of anatomical journal articles. Course concludes with oral presentations of student projects involving contemporary anatomical issues based on selected journal articles. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9110 **STATUS:** Process **CREATOR:** Kimberly Hagler **CREATED:** 5/24/12 **APPROVED:** 5/30/12 WorkFlow	**VERSION:** CURR **COURSE:** ANT8500 - Scholarly Project **STUDENT REC TITLE:** Scholarly Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive analysis of scientific literature with emphasis on content and organization of anatomical journal articles. Course concludes with oral presentations of student projects involving contemporary anatomical issues based on selected journal articles. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** ANT8510 - Scholarly Project **STUDENT REC TITLE:** Scholarly Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive analysis of scientific literature with emphasis on content and organization of anatomical journal articles. Course concludes with oral presentations of student projects involving contemporary anatomical issues based on selected journal articles. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Instructor permission only.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5806 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 9/30/10 **APPROVED:** 11/15/10 WorkFlow	**VERSION:** CURR **COURSE:** ANT860 - Principles of Biomedical Research **STUDENT REC TITLE:** Prin Biomedical Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** Principles of Biomedical Research is appropriate for students that will be involved in biomedical research. PBR provides a lecture and student interactive series designed to introduce students to the basics of biomedical research. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Medicine
	VERSION: REV **COURSE:** ANT8600 - Principles of Biomedical Research **STUDENT REC TITLE:** Prin Biomedical Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of Biomedical Research is appropriate for students that will be involved in biomedical research. PBR provides a lecture and student interactive series designed to introduce students to the basics of biomedical research. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. XLIST: P&N 8600, PHA 8000, BMS 8630

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1811 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/20/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ANT899 - Anatomy Research **STUDENT REC TITLE:** Anatomy Research **EFFECTIVE:** Winter 2010 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ANT8990 - Anatomy Research **STUDENT REC TITLE:** Anatomy Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 14 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: By permission of instructor.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5275 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART601 - Independent Study in Art **STUDENT REC TITLE:** Independent Study in Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** Special studies for qualified students. Intensive individually directed work in art with faculty consultation and supervision. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 601
	VERSION: REV **COURSE:** ART5010 - Independent Study in Art **STUDENT REC TITLE:** Independ Study in Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special studies for qualified students. Intensive individually directed work in art with faculty consultation and supervision. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 601

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5278 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART611 - Studies in Ancient and Classical Art **STUDENT REC TITLE:** Studies Ancient/Classical **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as CLS 540.) General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 611
	VERSION: REV **COURSE:** ART5110 - Studies in Ancient and Classical Art **STUDENT REC TITLE:** Study Ancient/Classical **EFFECTIVE:** Fall 2012 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 611

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5280 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART612 - Studies in Medieval Art **STUDENT REC TITLE:** Studies in Medieval Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 612
	VERSION: REV **COURSE:** ART5120 - Studies in Medieval Art **STUDENT REC TITLE:** Studies in Medieval Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 612

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5282 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART613 - Studies in Renaissance Art **STUDENT REC TITLE:** Studies in Renaissance Ar **EFFECTIVE:** Fall 2010 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 613
	VERSION: REV **COURSE:** ART5130 - Studies in Renaissance Art **STUDENT REC TITLE:** Renaissance Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 613

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5284 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART614 - Studies in Baroque Art **STUDENT REC TITLE:** Studies in Baroque Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 614
	VERSION: REV **COURSE:** ART5140 - Studies in Baroque Art **STUDENT REC TITLE:** Studies in Baroque Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 614

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5286 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART615 - Studies in Nineteenth Century Art **STUDENT REC TITLE:** Nineteenth Century Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 615
	VERSION: REV **COURSE:** ART5150 - Studies in Nineteenth Century Art **STUDENT REC TITLE:** Nineteenth Century Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 615

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5287 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART616 - Studies in Twentieth Century Art **STUDENT REC TITLE:** Studies 20th Century Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 616
	VERSION: REV **COURSE:** ART5160 - Studies in Twentieth Century Art **STUDENT REC TITLE:** Studies 20th Century Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5288 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART616 - Studies in Twentieth Century Art **STUDENT REC TITLE:** Studies 20th Century Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ART5170 - Studies in Non-Western Art **STUDENT REC TITLE:** Studies Non-Western Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** General surveys and intensive studies of periods, major movements, and artists in non-Western art. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5291 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART609 - Studies in Art Theory and Criticism **STUDENT REC TITLE:** Art Theory and Criticism **EFFECTIVE:** Fall 2010 **COURSE DESC:** Historical surveys and intensive studies in art theory and criticism. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 609
	VERSION: REV **COURSE:** ART5180 - Studies in Art Theory and Criticism **STUDENT REC TITLE:** Art Theory and Criticism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical surveys and intensive studies in art theory and criticism. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 609

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4865 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/1/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** ART528 - Drawing **STUDENT REC TITLE:** Drawing **EFFECTIVE:** Fall 2010 **COURSE DESC:** Exploration of the structure and interrelationships of visual form in drawing, painting, and sculpture. Principal historical modes of drawing are examined. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 528
	VERSION: REV **COURSE:** ART5280 - Drawing **STUDENT REC TITLE:** Drawing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of the structure and interrelationships of visual form in drawing, painting, and sculpture. Principal historical modes of drawing are examined. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 528

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4866 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/1/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** ART548 - Painting **STUDENT REC TITLE:** Painting **EFFECTIVE:** Fall 2010 **COURSE DESC:** Emphasis on pictorial organization with increased attention to the individual student's personal imagery. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 548
	VERSION: REV **COURSE:** ART5480 - Painting **STUDENT REC TITLE:** Painting **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasis on pictorial organization with increased attention to the individual student's personal imagery. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 548

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4867 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/1/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** ART558 - Photography **STUDENT REC TITLE:** Photography **EFFECTIVE:** Fall 2010 **COURSE DESC:** Exploration of personal concepts and aesthetic expression in photography. Intensive individual work with faculty supervision. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 558
	VERSION: REV **COURSE:** ART5580 - Photography **STUDENT REC TITLE:** Photography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of personal concepts and aesthetic expression in photography. Intensive individual work with faculty supervision. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 558

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4868 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/1/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** ART566 - Printmaking: Relief **STUDENT REC TITLE:** Printmaking: Relief **EFFECTIVE:** Fall 2010 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking with an emphasis in the area of relief. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 566
	VERSION: REV **COURSE:** ART5660 - Printmaking: Relief **STUDENT REC TITLE:** Printmaking: Relief **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking with an emphasis in the area of relief. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 566

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4869 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/1/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** ART567 - Printmaking: Intaglio **STUDENT REC TITLE:** Printmaking: Intaglio **EFFECTIVE:** Fall 2010 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking with an emphasis in the area of intaglio. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 567
	VERSION: REV **COURSE:** ART5670 - Printmaking: Intaglio **STUDENT REC TITLE:** Printmaking: Intaglio **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking with an emphasis in the area of intaglio. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 567

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4870 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/1/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** ART568 - Printmaking: Lithography **STUDENT REC TITLE:** Printmaking: Lithography **EFFECTIVE:** Fall 2010 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking with an emphasis in the area of lithography. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 568
	VERSION: REV **COURSE:** ART5680 - Printmaking: Lithography **STUDENT REC TITLE:** Printmaking: Lithography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking with an emphasis in the area of lithography. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 568

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4871 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/1/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** ART569 - Printmaking: Screenprinting **STUDENT REC TITLE:** Printmaking: Scrnprnting **EFFECTIVE:** Fall 2010 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking with an emphasis in the area of screenprinting. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 569
	VERSION: REV **COURSE:** ART5690 - Printmaking: Screenprinting **STUDENT REC TITLE:** Printmaking: Scrnprnting **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of personalized concepts and individual aesthetic expression in printmaking with an emphasis in the area of screenprinting. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 569

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4872 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/1/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** ART578 - Sculpture **STUDENT REC TITLE:** Sculpture **EFFECTIVE:** Fall 2010 **COURSE DESC:** Development of personal concepts and aesthetic expression in sculpture. Emphasis on individualized approach to sculptural problems using media selected by the students. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 578
	VERSION: REV **COURSE:** ART5780 - Sculpture **STUDENT REC TITLE:** Sculpture **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of personal concepts and aesthetic expression in sculpture. Emphasis on individualized approach to sculptural problems using media selected by the students. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 578

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5293 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART697 - Museology and Gallery Management **STUDENT REC TITLE:** Museology & Gallery Mgt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Supervised independent field experience and practical work in all areas of Art Museum management in the university and greater Dayton area communities. Each student to be handled as a tutorial intern. Graduate standing required with twelve hours of 400 level Museology and Gallery Management or permission of instructor. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 697
	VERSION: REV **COURSE:** ART5970 - Museology and Gallery Management **STUDENT REC TITLE:** Museology & Gallery Mgt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised independent field experience and practical work in all areas of Art Museum management in the university and greater Dayton area communities. Each student handled as a tutorial intern. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 697

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5277 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART701 - Independent Study in Art History **STUDENT REC TITLE:** Ind Study in Art History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Intensive individually directed work in art history with faculty consultation and supervision. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 701
	VERSION: REV **COURSE:** ART6010 - Independent Study in Art History **STUDENT REC TITLE:** Ind Study in Art History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive individually directed work in art history with faculty consultation and supervision. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5130 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/15/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART605 - Studies in Art **STUDENT REC TITLE:** Studies in Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides opportunities to explore special problems and approaches to art and includes cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605
	VERSION: REV **COURSE:** ART6030 - Studies in Drawing **STUDENT REC TITLE:** Studies in Drawing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides opportunities to explore special problems and approaches to drawing including cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5128 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/15/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART605 - Studies in Art **STUDENT REC TITLE:** Studies in Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides opportunities to explore special problems and approaches to art and includes cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605
	VERSION: REV **COURSE:** ART6050 - Studies in Sculpture **STUDENT REC TITLE:** Studies in Sculpture **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides opportunities to explore special problems and approaches to sculpture including cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5129 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/15/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART605 - Studies in Art **STUDENT REC TITLE:** Studies in Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides opportunities to explore special problems and approaches to art and includes cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605
	VERSION: REV **COURSE:** ART6060 - Studies in Painting **STUDENT REC TITLE:** Studies in Painting **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides opportunities to explore special problems and approaches to painting including cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5131 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/15/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART605 - Studies in Art **STUDENT REC TITLE:** Studies in Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides opportunities to explore special problems and approaches to art and includes cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605
	VERSION: REV **COURSE:** ART6070 - Studies in Printmaking **STUDENT REC TITLE:** Studies in Printmaking **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides opportunities to explore special problems and approaches to printmaking including cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5132 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/15/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART605 - Studies in Art **STUDENT REC TITLE:** Studies in Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides opportunities to explore special problems and approaches to art and includes cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605
	VERSION: REV **COURSE:** ART6080 - Studies in Photography **STUDENT REC TITLE:** Studies in Photography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides opportunities to explore special problems and approaches to photography includes cross-media and interdisciplinary studies. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5279 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART611 - Studies in Ancient and Classical Art **STUDENT REC TITLE:** Studies Ancient/Classical **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as CLS 540.) General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 611
	VERSION: REV **COURSE:** ART6110 - Advanced Studies in Ancient and Classical Art **STUDENT REC TITLE:** Adv St Ancient/Classical **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 611

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5281 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART612 - Studies in Medieval Art **STUDENT REC TITLE:** Studies in Medieval Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 612
	VERSION: REV **COURSE:** ART6120 - Advanced Studies in Medieval Art **STUDENT REC TITLE:** Adv St Medieval Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 612

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5283 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART613 - Studies in Renaissance Art **STUDENT REC TITLE:** Studies in Renaissance Ar **EFFECTIVE:** Fall 2010 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 613
	VERSION: REV **COURSE:** ART6130 - Advanced Studies in Renaissance Art **STUDENT REC TITLE:** Adv St Ren Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 613

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5285 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART614 - Studies in Baroque Art **STUDENT REC TITLE:** Studies in Baroque Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 614
	VERSION: REV **COURSE:** ART6140 - Advanced Studies in Baroque Art **STUDENT REC TITLE:** Adv Studies Baroque Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 614

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5289 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART615 - Studies in Nineteenth Century Art **STUDENT REC TITLE:** Nineteenth Century Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ART6170 - Advanced Studies in Non Western Art **STUDENT REC TITLE:** Adv St Non Western Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive studies of periods, major movements, and artists in non-Western art. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5290 **STATUS:** Complete **CREATOR:** Benjamin Montague **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** ART615 - Studies in Nineteenth Century Art **STUDENT REC TITLE:** Nineteenth Century Art **EFFECTIVE:** Fall 2010 **COURSE DESC:** General surveys and intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 615
	VERSION: REV **COURSE:** ART6150 - Advanced Studies in Modern/Contemporary Art **STUDENT REC TITLE:** Adv Modern/Contemp Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive studies of the period, major movements, and artists of the time. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ART 615

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2253 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH601 - Biostatistics I **STUDENT REC TITLE:** Biostatistics I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Presents basic statistical measures with emphasis on biomedical problems. Includes sampling techniques, making valid inferences and estimations, and testing hypotheses. Practice in use of calculations and preparation of data for machine analysis. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Aerospace Medicine - MS Must be enrolled in one of the following Levels: Medical Graduate
	VERSION: REV **COURSE:** ASM6020 - Biostatistics **STUDENT REC TITLE:** Biostatistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Catalogue Description: Studies basic and advanced statistical methods with an emphasis on biomedical problems. Includes sampling techniques, making valid inferences and estimations, testing hypotheses, ANOVA, multiple regression, survey methods, experimental designs, diagnostic testing, and sequential analysis. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program - aerospace medicine

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2255 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH621 - Epidemiology I **STUDENT REC TITLE:** Epidemiology I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Nature of epidemiological studies; descriptive epidemiology; experimental and observational investigations; cross-sections; prospective and retrospective studies; mortality and morbidity measurements and factors affecting comparison; life tables; and introduction to demographic measurements. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Aerospace Medicine - MS Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ASM6220 - Epidemiology **STUDENT REC TITLE:** Epidemilogy **EFFECTIVE:** Spring 2013 **COURSE DESC:** An introduction to epidemiological studies, descriptive and clinical epidemiology, experimental and observational investigations, prospective and retrospective studies, mortality and morbidity measurements, life tables, chronic and infectious diseases, with emphasis on preventive medicine and public health. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program - aerospace medicine

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2254 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH641 - Environmental Medicine I **STUDENT REC TITLE:** Environmental Medicine I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Interaction of humans with special environments. Section one is an intensive study of respiration, the cardiovascular system, and the physics and physiology of gaseous environments. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Aerospace Medicine - MS Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ASM6410 - Environmental Medicine **STUDENT REC TITLE:** Environmental Medicine **EFFECTIVE:** Fall 2012 **COURSE DESC:** Interaction of humans with occupational environments and environmental exposures of both man made and natural sources. Emphasis is focused on injuries, illnesses, risk assessment, as well as public health concerns and prevention in both occupational and environmental settings. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program- aerospace medicine

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2252 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH651 - Aerospace Medicine I **STUDENT REC TITLE:** Aerospace Medicine I **EFFECTIVE:** Spring 2010 **COURSE DESC:** General review, discussions of research projects, guest presentations, and selected advanced topics dealing with aerospace medicine, occupational medicine, and public health. Presentation and discussion of problem clinical cases related to aerospace medicine. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Aerospace Medicine - MS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 651
	VERSION: REV **COURSE:** ASM6510 - Aerospace Medicine Basics **STUDENT REC TITLE:** Aerospace Medicine Basic **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the basics of aerospace medical issues that prepares students for the aeromedical concerns and operational flight environment course. Subject matter includes aerospace medical history, illusions, atmospheric physics, physical environmental issues such as radiation, thermal issues, noise, and space environments. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program- aerospace medicine QTR EQUIV: CMH 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2257 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH654 - Introduction to Community Medicine **STUDENT REC TITLE:** Intro to Comm Med **EFFECTIVE:** Spring 2010 **COURSE DESC:** Familiarization with activities and services encompassed by community medicine, including public health, preventive medicine, prospective medicine, occupational medicine, geriatric health, handicapped services, and health promotion. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** School of Medicine **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Aerospace Medicine - MS Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ASM6540 - Introduction to Community & Behavioral Health **STUDENT REC TITLE:** Behavioral Health **EFFECTIVE:** Spring 2013 **COURSE DESC:** This course takes a look at combined major public health issues dealing with lifestyle and behavioral health issues. It is structured mainly in a seminar and project style of instruction. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program - aerospace Medicine

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2251 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH700 - Aeromedical Aspects of Aerospace Accidents **STUDENT REC TITLE:** Aerospace Accidents **EFFECTIVE:** Spring 2010 **COURSE DESC:** Overview of aerospace accident investigation procedures, concerned regulations, and interdisciplinary management from an aeromedical perspective. Selected advance topics include the analyses of relevant aerospace accident reports, post-crash survivability, and future directions. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Aerospace Medicine - MS Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CMH 651
	VERSION: REV **COURSE:** ASM7000 - Aeromedical Aspects of Aerospace Accidents **STUDENT REC TITLE:** Accident Investigation **EFFECTIVE:** Spring 2013 **COURSE DESC:** This course provides an overview of aerospace accident investigation procedures, relevant regulations, and interdisciplinary management from an aeromedical perspective. Selected advance topics include the analysis of relevant aerospace accident reports, post-crash survivability, and future directions. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program-aerospace medicine SEM PREREQ: ASM 6510 QTR PREREQ: CMH 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2258 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH721 - Aeromed Con&Op Flt Envir **STUDENT REC TITLE:** Aeromed Con&Op Flt Envir **EFFECTIVE:** Spring 2010 **COURSE DESC:** Builds on the basics of the aeromedical concerns to advance the understanding of the relevant aeromedical aspects related to the operational flight environment. Practical experiences in the hypobaric chamber, acceleration, and life support facilities supplement course work. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Aerospace Medicine - MS Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Aerospace Medicine QTR PREREQ: CMH 651
	VERSION: REV **COURSE:** ASM7210 - Aeromedical Concerns & Operational Flight Environments **STUDENT REC TITLE:** Aeromedical Concerns Ops **EFFECTIVE:** Spring 2013 **COURSE DESC:** This course builds on the basics of aerospace medicine course (ASM 6510) to advance the understanding of the relevant aeromedical aspects related to the operational flight & space environments. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program - aerospace medicine SEM PREREQ: ASM 6510 QTR PREREQ: CMH 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2256 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH731 - Health Services Administration **STUDENT REC TITLE:** Health Services Admin **EFFECTIVE:** Spring 2010 **COURSE DESC:** (Also listed as MGT 755.) Overview of total health care system including public and private institutions and agencies, federal and state regulations, and methods of financing. Directed study of major contemporary forces affecting the health care delivery system. Class includes seminars and on-site experiences. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Aerospace Medicine - MS Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Aerospace Medicine
	VERSION: REV **COURSE:** ASM7310 - Health Services Administration **STUDENT REC TITLE:** Health Services Admin **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an overview of the US health care system including public and private institutions and agencies, federal and state regulations, and methods of financing. Topics of focused study include the major contemporary forces affecting the health care delivery system. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program - aerospace medicine

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8800 **STATUS:** Complete **CREATOR:** Thomas Jarnot **CREATED:** 4/11/12 **APPROVED:** 4/24/12 WorkFlow	**VERSION:** REV **COURSE:** ASM7570 - Aeronautical Skills for Aerospace Physicians **STUDENT REC TITLE:** Aeronautical Skills **EFFECTIVE:** Fall 2012 **COURSE DESC:** Aeronautical Skills for Aerospace Physicians is intended to provide an integration of flightcrew (pilot) operational aeronautical knowledge/skills and pertinent aeromedical concepts as it pertains to the flight surgeon. **COLLEGE:** School of Medicine **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate students / physicians majoring in Aerospace Medicine. SEM PREREQ: None. QTR PREREQ: None.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7989 **STATUS:** Complete **CREATOR:** Farhad Sahiar **CREATED:** 9/7/11 **APPROVED:** 12/16/11 WorkFlow	**VERSION:** REV **COURSE:** ASM7777 - Space Medicine **STUDENT REC TITLE:** Space Medicine **EFFECTIVE:** Spring 2013 **COURSE DESC:** This course will provide graduate students with special opportunities to receive information specifically relevant to the practice of Space Medicine and its application in promoting current sub-orbital and orbital space flights, planned missions beyond Low Earth Orbit, and future commercial space flight operations. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: MD or equivalent degree SEM PREREQ: ASM 6510-Aerospace Medicine Basics Other: Or by permission of instructor COREQ: ASM 6510

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2259 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH850 - Aerospace Medicine Projects **STUDENT REC TITLE:** Aero Med Projects **EFFECTIVE:** Spring 2010 **COURSE DESC:** A major project for class presentation at year's end. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Aerospace Medicine
	VERSION: REV **COURSE:** ASM8500 - Research Project **STUDENT REC TITLE:** Research Project **EFFECTIVE:** Spring 2013 **COURSE DESC:** Independent research on a topic of aerospace medical relevance culminating with a class presentation followed by a Q & A session. All final reports must be submitted electronically. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program - aerospace medicine

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2260 **STATUS:** Complete **CREATOR:** Robin Dodge **CREATED:** 3/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH899 - Aerospace Medical Research **STUDENT REC TITLE:** Aerospace Med Research **EFFECTIVE:** Spring 2010 **COURSE DESC:** Under supervision of an advisor, students choose research problems, prepare bibliographical searches, plan experimental protocol, and conduct experimentation. A full report, constituting a thesis, is written and defended before a graduate committee. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Aerospace Medicine
	VERSION: REV **COURSE:** ASM8990 - Aerospace Medical Research **STUDENT REC TITLE:** Aeromed Research Thesis **EFFECTIVE:** Summer 2013 **COURSE DESC:** Under supervision of an advisor, students choose research problems, prepare bibliographical searches, plan experimental protocol, and conduct experimentation. A full report, constituting a thesis, is written and defended before a graduate committee. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Major, Graduate, Program - aerospace medicine

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3821 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/17/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH5000 - Cultures of Native North America **STUDENT REC TITLE:** Cultures/Native North Am **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the variety of people whose ancestry goes back to pre-conquest Native North America, and who continue to live and thrive on the North American continent today. Includes their past, their cultures and their place in current North American political and social contexts. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 3000

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3822 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/17/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH5010 - Cultures of Africa **STUDENT REC TITLE:** Cultures of Africa **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the diverse, complex and fascinating peoples of sub-Saharan Africa. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 3010

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3824 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/17/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH646 - Peoples and Cultures of South Asia **STUDENT REC TITLE:** Peoples/Cultures So Asia **EFFECTIVE:** Fall 2010 **COURSE DESC:** Survey and analysis of cultural diversity and unity in Southern Asia, particularly India, Pakistan, Bangladesh, and Sri Lanka. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 646
	VERSION: REV **COURSE:** ATH5020 - Peoples and Cultures of South Asia **STUDENT REC TITLE:** Peoples/Cultures So Asia **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the variety of people living in Southern Asia, particularly India, Pakistan, Bangladesh and Sri Lanka. Investigates various cultural, environmental, religious, ethnic and national groupings, while attempting to uncover unity behind the great diversity of the subcontinent. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 3020 QTR EQUIV: ATH 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3823 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/17/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH5030 - Peoples and Cultures of the United States **STUDENT REC TITLE:** Peoples/Cult United Stat **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the anthropological approaches to the study of culture in the United States. Confronts how to both recognize that your own culture is but one out of many, and how to systematically study the underpinnings of differences within one's own culture. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: ATH 3030

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4825 **STATUS:** Complete **CREATOR:** Linda Caron **CREATED:** 8/31/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** ATH5200 - Special Topics in Cultural Anthropology **STUDENT REC TITLE:** Sp Topics in Cult Anth **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics concerning the method and theory of anthropological thought and relationships to the allied disciplines of economics, linguistics, art, politics, and history. Emphasis on current trends influencing research in cultural anthropology. topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3991 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH5400 - Special Topics- Biological Anthropology **STUDENT REC TITLE:** Special Topics-Bio ATH **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of selected graduate-level topics in Biological or Medical anthropology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3831 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/17/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH546 - Anthropology of Religion **STUDENT REC TITLE:** Anthropology of Religion **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as REL 562.) Anthropological approach to the meaning and function of religion in social life, and the nature of the thought or belief systems that gave rise to different forms of religious life. Emphasis on primitive and peasant societies. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 546
	VERSION: REV **COURSE:** ATH6020 - Anthropology of Religion **STUDENT REC TITLE:** Anthropology of Religion **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also REL 5810) An introduction to the anthropological study of the practices and ideas associated with religions of the world, and how they relate to other domains of human cultural existence. Discusses many examples of contemporary non-Western religions, but will also use that information to gain insights regarding more familiar Western ones. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4020 QTR EQUIV: ATH 546

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3969 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/23/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH5600 - Special Topics in Archaeology **STUDENT REC TITLE:** Special Topics/Archaeolo **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive graduate-level study of selected topics in archaeology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 3600

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3965 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/23/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH569 - Field School in Archaeology **STUDENT REC TITLE:** Field School Archaeology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Excavation training on prehistoric sites. **COLLEGE:** College of Liberal Arts **CRED HR:** 6 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 569
	VERSION: REV **COURSE:** ATH6650 - Field School in Archaeology **STUDENT REC TITLE:** Field School Archaeology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Field training in the surveying and excavation of selected archaeological sites. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 3 - 6 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 12 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4650 QTR EQUIV: ATH 569

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4815 **STATUS:** Complete **CREATOR:** Linda Caron **CREATED:** 8/31/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** ATH5800 - Special Topics in Anthropological Methods **STUDENT REC TITLE:** Sp Topics in Anth Method **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics concerning the training of graduate students in current methodologies used in cultural, biological or archaeological anthropology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 3800

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3967 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/23/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH600 - Special Topics in Archaeology **STUDENT REC TITLE:** Spec Topics Archaeology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Advanced study of various specialized aspects of archaeology. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 600
	VERSION: REV **COURSE:** ATH6500 - Special Topics in Archaeology **STUDENT REC TITLE:** Spec Topics Archaeology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced graduate study of various specialized aspects of archaeology. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4500 QTR EQUIV: ATH 600

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3993 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH650 - Political Anthropology **STUDENT REC TITLE:** Political Anthropology **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as PLS 650.) Study of that part of the culture of primitive societies that is recognized as political organization. An attempt is made to show how in less complex, primitive societies, new local communities come into being through fission. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 650
	VERSION: REV **COURSE:** ATH6000 - Political Anthropology **STUDENT REC TITLE:** Political Anthropology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also PLS 6500/SOC 6000) Focuses on the anthropological approaches to the study of political life cross-culturally. Presents evolutionary and historical approaches to political institutions, and classic anthropological analyses of political institutions. Also recent developments in the study of politics as problems related to organization versus relationship, domination versus resistance, freedom versus order, and globalization. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4000, PLS 6500, SOC 6100 QTR EQUIV: ATH 650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3827 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/17/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH6010 - Kinship and Social Structure **STUDENT REC TITLE:** Kinship/Social Structure **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the study of kinship as the basis for understanding social structure cross-culturally. Starts with the basic tools for classic kinship analysis, and proceeds to discuss the central role kinship plays in stateless societies, how state formation utilized kinship analogs, and how kinship relates to issues of household organization, class and gender relations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: ATH 4010

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3828 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/17/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH6030 - Urban Anthropology **STUDENT REC TITLE:** Urban Anthropology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores the nature of city, confronting basic questions, such as, to what extent does the urbanite experience a different kind of culture from his/her rural counterpart? and what factors have contributed to the growth and expansion of urbanism over the last few centuries? **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4030

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3829 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/17/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH610 - Special Topics in Cultural Anthropology **STUDENT REC TITLE:** Spec Topics-Cultural ATH **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines selected topics concerning the method and theory of anthropological thought and their relationship to the allied disciplines of economics, linguistics, art, politics, and history. Emphasis on current trends influencing research in cultural anthropology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 610
	VERSION: REV **COURSE:** ATH6100 - Special Topics in Cultural Anthropology **STUDENT REC TITLE:** Spec Topics-Cultural ATH **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of selected topics in graduate-level cultural anthropology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4100 QTR EQUIV: ATH 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3994 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH658 - Anthropology of Women's Health **STUDENT REC TITLE:** Anth of Women's Health **EFFECTIVE:** Fall 2010 **COURSE DESC:** Integrates biological and sociocultural dimensions of women's health throughout the world. Examines cross-cultural variation in disease and illness and the sociocultural contexts that define models of women's health. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 658
	VERSION: REV **COURSE:** ATH6200 - Anthropology of Women's Health **STUDENT REC TITLE:** Anth of Women's Health **EFFECTIVE:** Fall 2012 **COURSE DESC:** Offers a graduate-level anthropological perspective on the health of women around the world. Integrates biological and socio-cultural dimensions of disease and illness and focuses on the intersection of gender, ethnicity and class in western and non-western societies. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4200 QTR EQUIV: ATH 658

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3995 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH655 - Biomedical Anthropology **STUDENT REC TITLE:** Biomedical Anthropology **EFFECTIVE:** Fall 2010 **COURSE DESC:** An anthropological perspective of health and illness in selected societies of the world that integrates physical, social, and cultural dimensions of disease, nutrition, fertility and population growth, health beliefs and practices, and the consequences of culture change and modernization. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 655
	VERSION: REV **COURSE:** ATH6210 - Biomedical Anthropology **STUDENT REC TITLE:** Biomedical Anthropology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Offers a graduate-level anthropological perspective on human health by integrating biological and socio-cultural dimensions of health and illness in selected societies of the contemporary world and in the past. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4210 QTR EQUIV: ATH 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3984 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH6300 - Special Topics- Biological Anthropology **STUDENT REC TITLE:** Special Topics- Biologic **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of selected graduate-level topics in Biological or Medical anthropology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4300

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3963 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/23/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH665 - Seminar in Woodland Archaeology **STUDENT REC TITLE:** Sem Woodland Archaeology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Intensive review of the prehistoric Woodland period (600 BC-AD 900) of eastern North America. Regional cultures such as Adena and Ohio Hopewell. Trade, economy, political organization, and mortuary customs are considered. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 665
	VERSION: REV **COURSE:** ATH6400 - Seminar in Woodland Archaeology **STUDENT REC TITLE:** Sem Woodland Archaeology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive review of the prehistoric Woodland period (600 B.C. A.D. 900) of eastern North America. Covers major regional cultures such as Adena and Hopewell, and explores such topics as social and political organization, site architecture, mortuary customs, and exchange systems. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4400 QTR EQUIV: ATH 665

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3964 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/23/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH675 - Historical Archaeology **STUDENT REC TITLE:** Historical Archaeology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focuses on the post-European discovery period of America; archaeological interpretations of colonial, plantation, industrial, frontier, and urban sites and materials are explored in seminar discussions, and through lab analysis of southwest Ohio site collections. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 675
	VERSION: REV **COURSE:** ATH6410 - Historical Archaeology **STUDENT REC TITLE:** Historical Archaeology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reviews the archaeology of the post-European discovery period in North America. Discussions focus on such topics as the Colonial period, plantation systems and the archaeology of slavery, nineteenth-century sites, industrial sites, and urban sites. May include a small analysis project utilizing excavated materials from Ohio historic sites. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4410 QTR EQUIV: ATH 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3830 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/17/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** ATH648 - Development of Ethnological Thought **STUDENT REC TITLE:** Dev Ethnological Thought **EFFECTIVE:** Fall 2010 **COURSE DESC:** Surveys historical development of ethnological thought; emphasizes theories of social and cultural change. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ATH 648
	VERSION: REV **COURSE:** ATH6700 - Development of Ethnological Thought **STUDENT REC TITLE:** Dev Ethnological Thought **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the many approaches used in anthropology. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4700 QTR EQUIV: ATH 648

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3983 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH6600 - African Oral Traditions **STUDENT REC TITLE:** African Oral Traditions **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of oral traditions in Africa. Includes examples of oral traditions, oral history, societies with combinations of oral traditions and written history. Explores how oral traditions are generated, their contexts, and their significance for those who produce them. Lessons to be learned are not only about Africa, but are applicable to many situations beyond the continent of Africa. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4600

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3966 **STATUS:** Complete **CREATOR:** Geoffrey Owens **CREATED:** 6/23/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** REV **COURSE:** ATH6750 - Seminar in Archaeological Theory **STUDENT REC TITLE:** Sem Archaeology Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces students to the directions taken by archaeological theory during the past century through a sampling of the literature in a number of topical areas. Examines how both the questions asked and the answers found in archaeological data have changed over time. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: ATH 4750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3010 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 5/3/10 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** CURR **COURSE:** BIO601 - Topics in Biology **STUDENT REC TITLE:** Topics in Biology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Advanced topics in biology. Topics vary. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate May not be enrolled as the following Classifications: Senior Sophomore Freshman Junior QTR EQUIV: BIO 601
	VERSION: REV **COURSE:** BIO6010 - Topics in Biology **STUDENT REC TITLE:** Topics in Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced topics in modern biology of current interest. Topics vary. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: BIO 4010 QTR EQUIV: BIO 601

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2759 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/14/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO602 - Current Literature in Biology **STUDENT REC TITLE:** Current Lit in Biology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Writing intensive course using current research articles to develop critical thinking skills designed for advanced undergraduates or graduate students. Four different sections emphasize broad areas of biology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 602
	VERSION: REV **COURSE:** BIO6020 - Current Literature in Biology **STUDENT REC TITLE:** Current Lit in Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Writing intensive course using current research articles to develop critical thinking skills designed for advanced undergraduates or graduate students. Four different sections emphasize broad areas of biology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: BIO 4020 QTR EQUIV: BIO 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8527 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 2/20/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** CURR **COURSE:** BIO606 - Evolutionary Biology **STUDENT REC TITLE:** Evolutionary Biology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Historical development and current understanding of the principles of evolution. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 606
	VERSION: REV **COURSE:** BIO6060 - Advanced Evolutionary Biology **STUDENT REC TITLE:** Advanced Evolution Bio **EFFECTIVE:** Fall 2012 **COURSE DESC:** Upper-level course in evolutionary biology for graduate students that have already achieved a basic background in evolution. Objectives of the course are to critically examine modern evolutionary research, with focus on recent theoretical and empirical developments. Topics include: speciation and species definitions, phylogeography, phylogenetic biology, molecular evolution, adaptation and natural selection, and sexual selection. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: BIO 4060 QTR EQUIV: BIO 606

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2510 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 3/29/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO607 - Wetlands Biology **STUDENT REC TITLE:** Wetlands Biology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Ecological investigation of wetlands of the U.S. with emphasis on the Midwest. Primarily field oriented with some lecture. Covers soils, vegetation, hydrology, conservation, and restoration. Requires two weekend trips and written report. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 607
	VERSION: REV **COURSE:** BIO6070 - Wetlands Biology **STUDENT REC TITLE:** Wetlands Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Ecological investigation of wetlands of the U.S. with emphasis on the Midwest. Primarily field oriented with some lecture. Covers soils, vegetation, hydrology, conservation, and restoration. Requires two weekend trips and written report. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: BIO 4070 QTR EQUIV: BIO 607

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2514 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 3/29/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO608 - Writing in the Biological Sciences **STUDENT REC TITLE:** Writing in the Bio Sci **EFFECTIVE:** Spring 2010 **COURSE DESC:** Surveys grammatical and stylistic aspects of scientific writing and teaches how to organize, write, and submit a manuscript for publication in a biological journal. Grant writing is also discussed. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 608
	VERSION: REV **COURSE:** BIO6080 - Writing in the Biological Sciences **STUDENT REC TITLE:** Writing in the Bio Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Surveys grammatical and stylistic aspects of scientific writing and teaches how to organize, write, and submit a manuscript for publication in a biological journal. Grant writing is also discussed. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 608

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8005 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 9/16/11 **APPROVED:** 11/10/11 WorkFlow	**VERSION:** REV **COURSE:** BIO6090 - Introduction to R with Applications in Biology **STUDENT REC TITLE:** Intro to R w/App in Bio **EFFECTIVE:** Fall 2012 **COURSE DESC:** The goal of this class is to learn programming biostatistics in the statistical software package R. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Permission of the instructor.

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2518 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 3/29/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO611 - The Aquatic Environment **STUDENT REC TITLE:** The Aquatic Environment **EFFECTIVE:** Spring 2010 **COURSE DESC:** Field and laboratory course concerned with the physical, chemical, and biological factors that determine biological productivity in natural waters. 3 hours lecture, 6 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 611
	VERSION: REV **COURSE:** BIO6110 - The Aquatic Environment **STUDENT REC TITLE:** The Aquatic Environment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Field and laboratory course concerned with the physical, chemical, and biological factors that determine biological productivity in natural waters. 3 hours lecture, 6 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate COREQ: BIO 6110L XLIST: BIO 4110 QTR EQUIV: BIO 611

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2786 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/19/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO620 - Desinging Biological Experiments **STUDENT REC TITLE:** Designing Bio Experiments **EFFECTIVE:** Spring 2010 **COURSE DESC:** Principles of effective sampling design for biological experiments. Reconciling the peculiarities of biological data with the assumptions of statistical methods. Lectures and problem sets. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Recitation Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 620
	VERSION: REV **COURSE:** BIO6200 - Designing Biological Experiments **STUDENT REC TITLE:** Design Bio Experiments **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course presents an overview of effective sampling design for biological studies. It shows how to reconcile the peculiarities of biological data with the assumptions of statistical methods. It introduces some statistical methods useful in biology though rarely covered in introductory statistics courses. It outlines the major ways that data are analyzed in biology. It discusses ways to present results. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 620

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
3186 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 5/11/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO642 - Advanced Molecular Biology **STUDENT REC TITLE:** Adv Molecular Bio **EFFECTIVE:** Fall 2010 **COURSE DESC:** Emphasizes gene organization and genome organization focusing on the molecular anatomy, expression, and regulation of eukaryotic genes. Includes a thorough discussion of recombinant DNA technology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 642
	VERSION: REV **COURSE:** BIO6420 - Advanced Molecular Biology **STUDENT REC TITLE:** Adv Molecular Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasizes gene organization and genome organization focusing on the molecular anatomy, expression, and regulation of eukaryotic genes. Includes a thorough discussion of recombinant DNA technology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 642

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2173 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 2/25/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO643 - Verterbrate Histiology **STUDENT REC TITLE:** Verterbrate Histiology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Study of structure/function relationships in vertebrate tissues, organs and organ systems. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 643
	VERSION: REV **COURSE:** BIO6430 - Verterbrate Histology **STUDENT REC TITLE:** Verterbrate Histology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of structure/function relationships in vertebrate tissues, organs and organ systems. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate COREQ: BIO 6430L XLIST: BIO 4430 QTR EQUIV: BIO 643

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2618 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/6/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO644 - Plant Physiology **STUDENT REC TITLE:** Plant Physiology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Special aspects of plant physiology that set plants apart from other organisms. Laboratory introduces independent research concerning plant nutrition and bud development. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 644
	VERSION: REV **COURSE:** BIO6440 - Plant Physiology **STUDENT REC TITLE:** Plant Physiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course covers plant physiology, including the major features of nutrition, photosynthesis, transport, hormones, development, and evnironmental responsiveness. Laboratory will expose students to analytical techniques, experimental design, and interpretation and communication of scientific results. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate COREQ: BIO 6440L XLIST: BIO 4440 QTR EQUIV: BIO 644

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2771 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/15/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO646 - Advanced Cell Biology **STUDENT REC TITLE:** Advanced Cell Biology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Students will gain a thorough understanding about eukaryotic cell structures and functions including the organization of the cell nucleus, DNA replication, the multiple steps of gene expression, membrane composition and dynamics, and the importance of the cytoskeleton for cell motility, cell division and cell adhesion. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 646
	VERSION: REV **COURSE:** BIO6460 - Advanced Cell Biology **STUDENT REC TITLE:** Advanced Cell Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will gain a thorough understanding about eukaryotic cell structures and functions including the organization of the cell nucleus, DNA replication, the multiple steps of gene expression, membrane composition and dynamics, and the importance of the cytoskeleton for cell motility, cell division and cell adhesion. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2625 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/6/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO647 - Population Ecology **STUDENT REC TITLE:** Population Ecology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Population ecology studies in size of populations and the processes that influences those popluation sizes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture, Recitation RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: (BIO 231 and MTH 228) or MTH 229 QTR EQUIV: BIO 647
	VERSION: REV **COURSE:** BIO6470 - Population & Community Ecology **STUDENT REC TITLE:** Pop & Comm Ecology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Derivation and use of deterministic and stochastic population models, methods of analyzing community structure, composition, and dynamics **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate level XLIST: BIO 4470 QTR PREREQ: (BIO 231 and MTH 228) or MTH 229 QTR EQUIV: BIO 647

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2772 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/15/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO648 - Advanced Cell Techniques **STUDENT REC TITLE:** Advanced Cell Techniques **EFFECTIVE:** Spring 2010 **COURSE DESC:** Analysis of cellular proteins will be the major focus. Students will have first-hand experience manipulating human cells in culture, extracting cellular proteins, transfecting cells, and performing immunoblotting and immunofluorescence techniques. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate May not be enrolled as the following Classifications: Senior Sophomore Freshman Junior QTR PREREQ: BIO 740 or BMS 778 or BIO 646 QTR EQUIV: BIO 648
	VERSION: REV **COURSE:** BIO6480 - Advanced Cell Techniques **STUDENT REC TITLE:** Advanced Cell Techniques **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of cellular proteins will be the major focus. Students will have first-hand experience manipulating human cells in culture, extracting cellular proteins, transfecting cells, and performing immunoblotting and immunofluorescence techniques. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Status SEM PREREQ: BIO 7400 or BMS 7780 or BIO 6460 XLIST: BIO 4480 QTR PREREQ: BIO 740 or BMS 778 or BIO 646 QTR EQUIV: BIO 648

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2182 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 2/25/10 **APPROVED:** 11/10/11 WorkFlow	**VERSION:** CURR **COURSE:** BIO655 - Plant Systematics **STUDENT REC TITLE:** Plant Systematics **EFFECTIVE:** Spring 2010 **COURSE DESC:** A survey of topics and techniques encountered in studies of the relationship and evolution of the higher plants, emphasizing the flowering plants. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 655
	VERSION: REV **COURSE:** BIO6550 - Plant Systematics **STUDENT REC TITLE:** Plant Systematics **EFFECTIVE:** Fall 2012 **COURSE DESC:** The diversity of vascular plant species with an emphasis on angiosperms, phylogenetic relationships and methods, terminology pertinent to taxonomic classification and nomenclature. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate COREQ: BIO 6550L XLIST: BIO 4550 QTR EQUIV: BIO 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2186 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 2/25/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO660 - Population Genetics **STUDENT REC TITLE:** Population Genetics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Examination of the causes of genetic differences within and among species and how molecular biology techniques can be used to identify these differences. Emphasized human genetics, anthropology, ecology and conservation implications. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 660
	VERSION: REV **COURSE:** BIO6600 - Population Genetics **STUDENT REC TITLE:** Population Genetics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of the causes of genetic differences within and among species and how molecular biology techniques can be used to identify these differences. Emphasized human genetics, anthropology, ecology and conservation implications. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate COREQ: BIO 6600L XLIST: BIO 4600 QTR EQUIV: BIO 660

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2773 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/15/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO673 - Biology of Selected Marine Environments **STUDENT REC TITLE:** Bio of Selected Marine En **EFFECTIVE:** Spring 2010 **COURSE DESC:** Biological aspects of marine environments. Sampling and observation of living marine specimens during week-long trip to a marine laboratory. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 673
	VERSION: REV **COURSE:** BIO6730 - Marine Biology **STUDENT REC TITLE:** Marine Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Lectures cover oceanic ecosystem dynamics and the biological communities associated with different marine habitats. Emphasis is placed on structural and physiological adaptations of organisms to their environment and interactions among different species (competition, predation, and mutualisms). Current threats to marine habitats are discussed. The course includes a 1 week field trip to the North Carolina coast. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: BIO 4730 QTR EQUIV: BIO 673

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2180 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 2/25/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** BIO684 - Introduction to Biogeography **STUDENT REC TITLE:** Biogeography **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to the factors affecting the distribution of plants and animals. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 684
	VERSION: REV **COURSE:** BIO6840 - Biogeography **STUDENT REC TITLE:** Biogeography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the factors affecting the distribution of plants and animals. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: BIO 4840, GEO 6440, GEO 4840 QTR EQUIV: BIO 684

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3000 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/30/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO699 - Special Problems in Biology **STUDENT REC TITLE:** Special Prob in Biology **EFFECTIVE:** Spring 2010 **COURSE DESC:** A maximum of 4 credits is applicable toward degree requirements. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 699
	VERSION: REV **COURSE:** BIO6990 - Special Problems in Biology **STUDENT REC TITLE:** Special Prob in Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** All assignments, reading material, and experimentation are determined by instructor. Typically, instructional material will be derived from primary research literature and writing a critical review paper will be required. This does not discount inclusion of relevant laboratory or field exercises. Instruction will generally consist of one-on-one, student:instructor discussions and mentoring. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Departmental Permission required. QTR EQUIV: BIO 699

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2619 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/6/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO700 - Principles of Instruction in Biology **STUDENT REC TITLE:** Prin Instruction Biology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 700
	VERSION: REV **COURSE:** BIO7000 - Principles of Instruction in Biology **STUDENT REC TITLE:** Prin Instruction Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3011 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 5/3/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO701 - Selected Topics in Biology **STUDENT REC TITLE:** Selected Topics in Bio **EFFECTIVE:** Spring 2010 **COURSE DESC:** Topics vary. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study, Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 701
	VERSION: REV **COURSE:** BIO7010 - Selected Topics in Biology **STUDENT REC TITLE:** Selected Topics in Bio **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics vary. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2620 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/6/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO702 - Introduction to Research **STUDENT REC TITLE:** Intro to Research Biology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Different research problems under investigation by the faculty are described with respect to objectives, methodology, and progress as examples of scientific methods applied to biology. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 702
	VERSION: REV **COURSE:** BIO7020 - Introduction to Research **STUDENT REC TITLE:** Intro Research Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** The class will emphasize building talents and skills required to succeed in the Biology M.S. program. Special emphasis will be placed on the components of proposal writing that are required for degree completion. The class will also emphasize how to conduct responsible and ethical research. This will include obtaining the necessary approvals required by the university. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2623 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/6/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO730 - Cell Biology **STUDENT REC TITLE:** Cell Biology **EFFECTIVE:** Spring 2010 **COURSE DESC:** (Also listed as BMS 778.) Provides a survey of basic concepts that are most important for understanding how cells function. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 730
	VERSION: REV **COURSE:** BIO7300 - Cell Biology **STUDENT REC TITLE:** Cell Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics include but not limited to a review of current understanding of the structure and function of cells, organelles and subcellular complexes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: BMS 7780 QTR EQUIV: BIO 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2997 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Spring 2010 **COURSE DESC:** Maintenance of contacts with department. Fulfills university requirement that student must be registered for at least one hour of graduate credit during the quarter in which they successfully defend their thesis. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 789
	VERSION: REV **COURSE:** BIO7890 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Maintenance of contacts with department. Fulfills university requirement that student must be registered for at least one hour of graduate credit during the quarter in which they successfully defend their thesis. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Departmental Permission required. QTR EQUIV: BIO 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2998 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO799 - Literature Critique **STUDENT REC TITLE:** Literature Critique **EFFECTIVE:** Spring 2010 **COURSE DESC:** Independent project to write a critical review of literature on a specific topic. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 799
	VERSION: REV **COURSE:** BIO7990 - Literature Critique **STUDENT REC TITLE:** Literature Critique **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent project to write a critical review of literature on a specific topic. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Departmental Permission Required QTR EQUIV: BIO 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2622 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/6/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO800 - Graduate Seminar **STUDENT REC TITLE:** Graduate Seminar **EFFECTIVE:** Spring 2010 **COURSE DESC:** Topics vary. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 800
	VERSION: REV **COURSE:** BIO8000 - Graduate Seminar **STUDENT REC TITLE:** Graduate Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics vary but will include extensive discussion of primary, research literature. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 800

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2941 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 4/26/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BIO899 - Graduate Research **STUDENT REC TITLE:** Grad Research **EFFECTIVE:** Spring 2010 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BIO 899
	VERSION: REV **COURSE:** BIO8990 - Graduate Research **STUDENT REC TITLE:** Graduate Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Departmental Permission Required QTR EQUIV: BIO 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
957 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/10/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB699 - Special Problems in Biochemistry **STUDENT REC TITLE:** Spec Problems in Biochem **EFFECTIVE:** Winter 2010 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BMB 699
	VERSION: REV **COURSE:** BMB6990 - Special Problems in Biochemistry **STUDENT REC TITLE:** Spec Problems in Biochem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Current problems in Biochemistry and Molecular Biology as assigned by BMB faculty members with approval of the Chair. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 4 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BMB 7500 with a grade of C or better QTR EQUIV: BMB 699

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1127 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/17/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB701 - Selected Topics in Biochemistry **STUDENT REC TITLE:** Selected Topics-Biochem **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BMB 701
	VERSION: REV **COURSE:** BMB7010 - Selected Topics in Biochemistry **STUDENT REC TITLE:** Selected Topics-Biochem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special topics in Biochemistry and Molecular Biology covering recent developments in selected faculty member's area of research expertise. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BMB 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1176 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/21/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB702 - Research Perspectives **STUDENT REC TITLE:** Research Perspectives **EFFECTIVE:** Winter 2010 **COURSE DESC:** Designed to acquaint new graduate students with the research being carried out by the faculty in the biochemistry program. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Science & Math QTR EQUIV: BMB 702
	VERSION: REV **COURSE:** BMB7020 - Research Perspectives in Biochemistry and Molecular Biology **STUDENT REC TITLE:** Research Perspectives **EFFECTIVE:** Fall 2012 **COURSE DESC:** Lecture/reading course to acquaint new graduate students with the research being carried out by the faculty in the Biochemistry and Molecular Biology program. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Science QTR EQUIV: BMB 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1179 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/21/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB703 - Research Ethics **STUDENT REC TITLE:** Research Ethics **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 703.) Research ethics emphasizes the evaluation of hypothetical ethical scenarios. Class discussion is based on integrating ethical policy and practices as they relate to research at Wright State. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Science & Math QTR EQUIV: BMB 703
	VERSION: REV **COURSE:** BMB7030 - Research Ethics **STUDENT REC TITLE:** Research Ethics **EFFECTIVE:** Spring 2013 **COURSE DESC:** Also listed as BMS 7030. Research ethics emphasizes the evaluation of hypothetical ethical scenarios in biomedical research. Class discussion is based on integrating ethical policy and practices as they relate to research at Wright State and beyond. **COLLEGE:** College of Science & Math **CRED HR:** 0.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture, Recitation REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Science & Math ADD INFO: Cross list BMS 7030 QTR EQUIV: BMB 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1247 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/22/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB726 - Bioenergetics **STUDENT REC TITLE:** Bioenergetics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Structure of energy transducing membranes of mitochondria, chloroplasts and bacteria. Particular emphasis placed on mechanisms of energy transduction, thermodynamics of oxidation-reduction reactions, biophysical spectroscopic methods, structure and surface topography of membrane proteins. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level BMS 752 QTR EQUIV: BMB 726
	VERSION: REV **COURSE:** BMB7260 - Bioenergetics and Metabolism **STUDENT REC TITLE:** Bioenergetics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasis on eukaryotic cell energy metabolism and ATP synthesis in normal and diseased states. Current research developments in carbohydrate, fat and amino acid metabolism will be covered through individual pathways and an interacting systems approach within cells. Mitochondrial energy transduction at the molecular level will be discussed in detail. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BMB 7520 QTR PREREQ: Graduate level BMS 752 QTR EQUIV: BMB 726

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1182 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/21/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB727 - Proteins and Gnzynology **STUDENT REC TITLE:** Proteins and Gnzymology **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 767.) Current concepts of the mechanism of enzyme catalysis including such topics as structure, kinetics, energetics, allosterism, coenzymes, and control of enzymes and multienzyme systems. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level BMB 750 QTR EQUIV: BMB 727
	VERSION: REV **COURSE:** BMB7270 - Proteins and Enzymes **STUDENT REC TITLE:** Proteins and Enzymes **EFFECTIVE:** Fall 2012 **COURSE DESC:** Also listed as BMS 7670. Current concepts in protein structure and function and the mechanism of enzymatic catalysis. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Cross List BMS7670 SEM PREREQ: Graduate level BMB 7500, minimum grade of C QTR PREREQ: Graduate level BMB 750 QTR EQUIV: BMB 727

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1244 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/22/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB750 - Molecular Biochemistry I **STUDENT REC TITLE:** Molecular Biochemistry I **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 750.) Survey course emphasizing an experimental and problem-solving approach to buffers, protein structure, enzymes, and carbohydrate and lipid metabolism. Completion of organic chemistry course or permission of instructor required. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BMB 750
	VERSION: REV **COURSE:** BMB7500 - Molecular Biochemistry I **STUDENT REC TITLE:** Molecular Biochemistry I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Also listed as BMS 7500. Survey course emphasizing experimental and problem-solving approaches to understanding amino acids, protein structure, enzymes, nucleic acid structure and DNA replication. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Completion of organic chemistry course or permission of instructor. XLIST: BMS 7500 QTR EQUIV: BMB 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1245 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/22/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB752 - Molecular Biochemistry II **STUDENT REC TITLE:** Molecular Biochemistry II **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 752.) Survey course emphasizing an experimental and problem-solving approach to amino acid metabolism, nucleic-acid function, and hormones. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level BMB 750 QTR EQUIV: BMB 752
	VERSION: REV **COURSE:** BMB7520 - Molecular Biochemistry II **STUDENT REC TITLE:** Molecular Biochem II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey course emphasizing an experimental and problem-solving approach to metabolism, nucleic-acid function, protein synthesis, membranes and hormones. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BMB or BMS 7500 XLIST: BMS 7520 QTR PREREQ: Graduate level BMB 750 QTR EQUIV: BMB 752

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1249 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/22/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB753 - Molecular Signalling - Molecular Cell Biology **STUDENT REC TITLE:** Molecular Signalling **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 753.) A molecular analysis of information transfer into and within cells. Topics include visual transduction, hormones, hormone receptors, second messengers, regulation of transcription, and oncogenes. Readings from current scientific literature. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: (Graduate level BMB 750 or Graduate level BMS 750) and (Graduate level BMB 752 or Graduate level BMS 752) QTR EQUIV: BMB 753
	VERSION: REV **COURSE:** BMB7530 - Molecular Signalling - Molecular Cell Biology **STUDENT REC TITLE:** Molecular Signalling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Also listed as BMS 7530. A molecular analysis of information transfer into and within cells. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BMB 7520 XLIST: BMS 7530 QTR PREREQ: (Graduate level BMB 750 or Graduate level BMS 750) and (Graduate level BMB 752 or Graduate level BMS 752) QTR EQUIV: BMB 753

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1250 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/22/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB760 - Molecular Biology of the Nucleus **STUDENT REC TITLE:** Molec Bio of the Nucleus **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 760.) A literature based course covering molecular events in the nucleus including DNA replication, repair and recombination and transcription. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level BMB 750 and Graduate level BMB 752 QTR EQUIV: BMB 760
	VERSION: REV **COURSE:** BMB7600 - Molecular Biology of the Nucleus **STUDENT REC TITLE:** Molec Bio of the Nucleus **EFFECTIVE:** Fall 2012 **COURSE DESC:** Also listed as BMS 7600. A literature based course covering molecular events in the nucleus including DNA replication, repair and recombination and transcription. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BMB 7520 XLIST: BMS 7600 QTR PREREQ: Graduate level BMB 750 and Graduate level BMB 752 QTR EQUIV: BMB 760

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1251 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/22/09 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** BMB763 - In Vivo NMR Spectroscopy and Imaging **STUDENT REC TITLE:** NMR Spectro & Imaging **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 763.) Discusses the applications of NMR spectroscopy to the study of tissue metabolism in vivo. The fundamental theory of magnetic resonance imaging, with a survey of clinical applications, is also presented. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level BMB 762 or Graduate level BMS 762 QTR EQUIV: BMB 763
	VERSION: REV **COURSE:** BMB7630 - In Vivo NMR Spectroscopy and Imaging **STUDENT REC TITLE:** NMR Spectro **EFFECTIVE:** Fall 2012 **COURSE DESC:** Also listed as BMS 7630 and BME 7630. Discusses the applications of NMR spectroscopy to the study of tissue metabolism in vivo. The fundamental theory of magnetic resonance imaging, with a survey of clinical applications, is also presented. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BME 4702 or BME 6702 XLIST: BMS 7630, BME 7630 QTR PREREQ: Graduate level BMB 762 or Graduate level BMS 762 QTR EQUIV: BMB 763

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1252 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/22/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB765 - Computational Tools and Strategies in Biomed Sciences **STUDENT REC TITLE:** Comp Tools/Strategies BMS **EFFECTIVE:** Winter 2010 **COURSE DESC:** This is a survey course of modern computational tools and strategies used in sequence, 3-D structure and functional analysis of biomolecules. Students will gain hands on "laboratory" experience with key software and strategies. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BMB 765
	VERSION: REV **COURSE:** BMB7650 - Computational Tools and Strategies in Biomed Sciences **STUDENT REC TITLE:** Comp Tools/Strategy BMS **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is a survey course of modern computational tools and strategies used in sequence, 3-D structure and functional analysis of biomolecules. Students will gain hands on "laboratory" experience with key software and strategies. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 2 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BMB 7500 XLIST: ES 7650, BMS 7650 QTR EQUIV: BMB 765

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1890 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 1/26/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** REV **COURSE:** BMB7670 - Molecular Basis of Inherited Diseases **STUDENT REC TITLE:** Mol Basis Inherited Dis **EFFECTIVE:** Fall 2012 **COURSE DESC:** An intensive course on human diseases at all levels; replicational, transcriptional, translational, protein expression, protein folding and processing, protein structure and function, cellular metabolic changes, nuclear and cellular phenotypic changes, symptoms, and putative therapies. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Limited to College of Science and Mathematics graduate students. SEM PREREQ: BMB 7520

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
958 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/10/09 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BMB 789
	VERSION: REV **COURSE:** BMB7890 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuing registration for advanced degree. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 10 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Concurrent enrollment in BMB 7500 or grade of C or better in BMB 7500 QTR EQUIV: BMB 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
955 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/10/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB800 - Biochemistry Seminar **STUDENT REC TITLE:** Biochemistry Seminar **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics vary. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BMB 800
	VERSION: REV **COURSE:** BMB8000 - Biochemistry Seminar **STUDENT REC TITLE:** Biochemistry Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Current departmental research in Biochemistry and Molecular Biology presented in an informal seminar format. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 8 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Concurrent enrollment in BMB 7500 or grade of C or better in BMB 7500 QTR EQUIV: BMB 800

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1019 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/14/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB899 - Biochemistry Research **STUDENT REC TITLE:** Biochemistry Research **EFFECTIVE:** Winter 2010 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BMB 899
	VERSION: REV **COURSE:** BMB8990 - Biochemistry Research **STUDENT REC TITLE:** Biochemistry Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Original research in a BMB faculty laboratory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 8 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Concurrent enrollment in BMB 7500 or grade of C or better in BMB 7500 QTR EQUIV: BMB 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1021 **STATUS:** Complete **CREATOR:** Sheryl Kleckner **CREATED:** 12/14/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** BMB900 - Seminar in Biological Chemistry **STUDENT REC TITLE:** Biochemistry Seminar **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics vary. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BMB 900
	VERSION: REV **COURSE:** BMB9000 - Advanced Seminar in Biochemistry and Molecular Biology **STUDENT REC TITLE:** Advanced Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Current research in Biochemistry and Molecular Biology presented in a didactic seminar format. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 8 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Concurrent enrollment in BMB 7500 or grade of C or better in BMB 7500. QTR EQUIV: BMB 900

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5097 **STATUS:** Complete **CREATOR:** Ping He **CREATED:** 9/14/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME664 - Microprocessors for Biomedical Engineering **STUDENT REC TITLE:** Microprocessors for BME **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines principles, hardware structure, and programming techniques of microprocessors, applications of microprocessor-based systems in hospitals, rehabilitation engineering and medical research. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: BME 460 QTR EQUIV: BME 664
	VERSION: REV **COURSE:** BME5520 - Microprocessors for Biomedical Engineering **STUDENT REC TITLE:** Microprocessors for BME **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles, hardware structure, and programming techniques of microprocessor and microcontroller. Applications of microprocessor and microcontroller in health care, rehabilitation and medical research. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: College of Engineering and Computer Science majors only SEM PREREQ: BME 3511 QTR PREREQ: BME 460 QTR EQUIV: BME 664

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5098 **STATUS:** Complete **CREATOR:** Ping He **CREATED:** 9/14/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** EE521 - Linear Systems I **STUDENT REC TITLE:** Linear Systems I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Considers systems in a broad context including linear, nonlinear; variant, invariant; and analog and discrete. Approaches to system and signal modeling are discussed with emphasis on the Fourier transform technique. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 301, EE 302 QTR EQUIV: EE 521
	VERSION: REV **COURSE:** BME5530 - Biomedical Signals and Systems **STUDENT REC TITLE:** BME Signals and Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concept and theory of signals and systems applied to biomedical engineering. Topics include continuous-time periodic and non-periodic signals; linear time-invariant system; Fourier transform and Laplace transform. Discrete signals and discrete Fourier transform. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: College of Engineering and Computer Science majors only SEM PREREQ: BME 3511 QTR PREREQ: EE 301, EE 302 QTR EQUIV: EE 521

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7068 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/27/11 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** REV **COURSE:** BME6010 - Ethics in Engineering **STUDENT REC TITLE:** Ethics in Engineering **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduce new engineering graduate students to ethics of engineering, scientific research, and technical writing. Additional topics include active reading, active listening, effective presentation, faculty-advisor relationships and the thesis/dissertation process. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 1 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Must be enrolled in one of the following Classifications: Graduate ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 XLIST: IHE 6010 QTR EQUIV: BME 601

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5273 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME622 - Engineering Biophysics **STUDENT REC TITLE:** Engineering Biophysics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Application of mathematical and engineering techniques toward describing biophysical systems. Topics include cellular transport, electrical properties of membranes, and biophysics of muscle contraction. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME6430 - Engineering Biophysics **STUDENT REC TITLE:** Engineering Biophysics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of mathematical and engineering techniques toward describing biophysical systems. Topics include cellular transport, electrical properties of membranes, and biophysics of muscle contraction. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5160 **STATUS:** Complete **CREATOR:** David Reynolds **CREATED:** 9/15/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME6410 - Biothermodynamics **STUDENT REC TITLE:** Biothermodynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will be able to apply first and second laws, along with constitutive equations for simple fluids to problems involving human systems,and human physiology/ biology. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: graduate student in engineering Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Undergraduate degree in engineering QTR PREREQ: Undergraduate degree in engineering QTR EQUIV: BME 619

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5161 **STATUS:** Complete **CREATOR:** David Reynolds **CREATED:** 9/15/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME6421 - Biotransport **STUDENT REC TITLE:** Biotransport **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will be able to apply engineering principles to solve transport problems in biomedical engineering, in the body as well as extracorporeal devices. Dimensional analysis will also be learned and applied to problems in biofluid flow and bioheat and mass transfer. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate student in engineering. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: BME 6410 QTR PREREQ: BME 619 QTR EQUIV: BME 620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5162 **STATUS:** Complete **CREATOR:** David Reynolds **CREATED:** 9/15/10 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** BME6422 - Advanced Biotransport **STUDENT REC TITLE:** Advanced Biotransport **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students use the basic laws of mass and energy conservation along with other constitutive and empirical relations for blood and tissue interactions with gases and other substances in biomedical engineering transport problems and design of devices. Application of engineering principles to body function particularly the pulmonary system, design of artificial kidneys, blood oxygenators, tissue engineering and bioartificial organs. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate student in engineering. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: BME 6421 QTR PREREQ: BME 620 QTR EQUIV: BME 639

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8440 **STATUS:** Complete **CREATOR:** Jennifer Weaver **CREATED:** 2/8/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** BME6440 - Biomaterials **STUDENT REC TITLE:** Biomaterials **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of materials in different biomedical fields. Design and analyses. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5163 **STATUS:** Complete **CREATOR:** David Reynolds **CREATED:** 9/15/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME6441 - Biofluid Mechanics **STUDENT REC TITLE:** Biofluid Mechanics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will gain a better understanding of the behavior of fluids as encountered in everyday life, general engineering and biomedical engineering applications. Student will be able to model and analyze as well as design devices and systems which involve stationary or moving fluids. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate student in engineering. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: BME 6410 QTR PREREQ: MTH 235, ME 213 QTR EQUIV: BME 619

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5165 **STATUS:** Complete **CREATOR:** David Reynolds **CREATED:** 9/15/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME6442 - Biomedical Heat and Mass Transfer **STUDENT REC TITLE:** Bio Heat & Mass Transfr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will gain a better understanding of the principles of heat and mass transfer as encountered in everyday life, general engineering and biomedical engineering applications. To be able to model, analyze and design devices and systems that require heat and/or mass transfer as part of their function. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate student in engineering. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: BME 6410 QTR PREREQ: BME 619 QTR EQUIV: BME 620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5166 **STATUS:** Complete **CREATOR:** David Reynolds **CREATED:** 9/15/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME6443 - Biotransport and Artificial Organs **STUDENT REC TITLE:** Biotransport & Artif Org **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students use the basic laws of mass, momentum and energy conservation in biomedical engineering applications. Other supporting relations are used in conjunction with these to solve problems in cardiovascular, pulmonary, and other organ systems and in design of their replacements. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate student in engineering. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: BME 6421 QTR PREREQ: BME 620 QTR EQUIV: BME 639

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5096 **STATUS:** Complete **CREATOR:** Ping He **CREATED:** 9/14/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME661 - Bioinstrumentation I **STUDENT REC TITLE:** Bioinstrumentation I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Principles of design and analysis of electronic instrumentation for medical applications. Topics include various electrodes/transducers for physiological measurement and electrical stimulation, biological signal acquisition and processing, various medical imaging modalities/systems, and electrical safety. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ANT 312, EE 321, BME 460 QTR EQUIV: BME662
	VERSION: REV **COURSE:** BME6550 - Bioinstrumentation **STUDENT REC TITLE:** Bioinstrumentation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Various electrodes, transducers, chemical sensors, special circuits, devices and methods for measuring biological signals and variables; therapeutic and prosthetic devices; electrical safety. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: College of Engineering and Computer Science majors only ADD INFO: 3 credit hours lecture, 1 credit hour lab. This new semester course replaces the original quarter sequence BME661, BME661L, BME662, BME662L SEM PREREQ: ANT 3120, BME 3512, BME 3530 QTR PREREQ: ANT 312, EE 321, BME 460 QTR EQUIV: BME662

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1309 **STATUS:** Complete **CREATOR:** Thomas Hangartner **CREATED:** 12/22/09 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME670 - Photon Radiation **STUDENT REC TITLE:** Photon Radiation **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduces generation, effects, and detection of ionizing radiation and its application to medicine. Completion of this course fulfills the educational requirement to be a user of radioactive materials and radiation-producing devices. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: BME 670
	VERSION: REV **COURSE:** BME6701 - Medical Imaging **STUDENT REC TITLE:** Medical Imaging **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basic introduction to generation, effects and detection of ionizing radiation and its application to plain radiographic imaging in medicine. Successful completion of this course entitles students to be registered users of radioactive isotopes and radiation-generating equipment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Permission of instructor SPC FEE: Egr&Comp Science Fee (1600), $90 QTR EQUIV: BME 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1345 **STATUS:** Complete **CREATOR:** Thomas Hangartner **CREATED:** 12/23/09 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME671 - Medical Imaging **STUDENT REC TITLE:** Medical Imaging **EFFECTIVE:** Winter 2010 **COURSE DESC:** An overview is given over the various methods used in generating images in medicine. The basic principles of the image forming process are discussed as well as the physical properties of the resultant image. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Must be enrolled in one of the following Classifications: Graduate QTR PREREQ: BME 470 or Graduate level BME 670 QTR EQUIV: BME 671
	VERSION: REV **COURSE:** BME6702 - Advanced Medical Imaging **STUDENT REC TITLE:** Advanced Medical Imaging **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of the various methods used in generating images in medicine. Basic principles of the image-forming process and the physical properties of the resultant image are discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BME 4701 or Graduate level BME 6701 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: BME 470 or Graduate level BME 670 QTR EQUIV: BME 671

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8756 **STATUS:** Complete **CREATOR:** Jennifer Weaver **CREATED:** 3/30/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** CURR **COURSE:** BME6702 - Advanced Medical Imaging **STUDENT REC TITLE:** Advanced Medical Imaging **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of the various methods used in generating images in medicine. Basic principles of the image-forming process and the physical properties of the resultant image are discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: BME 671
	VERSION: REV **COURSE:** BME6702 - Advanced Medical Imaging **STUDENT REC TITLE:** Advanced Medical Imaging **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of the various methods used in generating images in medicine. Basic principles of the image-forming process and the physical properties of the resultant image are discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: BME 4701 or BME 6701 QTR EQUIV: BME 671

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6472 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 11/3/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** REV **COURSE:** BME6850 - Six Sigma for Engineers **STUDENT REC TITLE:** Six Sigma for Engineers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical application of Six Sigma tools in production and service contexts. Includes videos and case studies of real world applications. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: IHE 6120 QTR PREREQ: IHE 602 QTR EQUIV: BME 685

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7156 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** BME6980 - Graduate Special Topics in Biomedical Engineering I **STUDENT REC TITLE:** Special Topics in BME I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate special topics in advanced biomedical engineering. Topics vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7158 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** BME6990 - Graduate Independent Studies in Biomedical Engineering I **STUDENT REC TITLE:** Independ Stdy in BME I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate independent studies in advanced biomedical engineering. Topics vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5698 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/29/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** BME710 - Ergonomic Engineering **STUDENT REC TITLE:** Ergonomic Engineering **EFFECTIVE:** Winter 2011 **COURSE DESC:** Advanced applications from a variety of bioengineering subfields are identified and defined with respect to their importance in the practice of human factors engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BME 710
	VERSION: REV **COURSE:** BME7315 - Ergonomic Engineering **STUDENT REC TITLE:** Ergon Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced applications from a variety of bioengineering subfields are identified and defined with respect to their importance in the practice of human factors engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci. ADD INFO: Additional information can be obtained by contacting theDepartment of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 XLIST: IHE 7315 QTR EQUIV: BME 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5912 **STATUS:** Complete **CREATOR:** Julie Ann Skipper **CREATED:** 10/1/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME7110 - Biomedical Signals **STUDENT REC TITLE:** Biomedical Signals **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of techniques for the analysis of signals and systems, with a particular emphasis on the use of mathematical tools for analysis of medical imaging systems and data. Time-domain and frequency-domain analysis of continuous-time and discrete-time signals, sampling theory, 2D FFT, Fourier Slice Theorem, Radon transform, Hilbert transform. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: BME 890

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4449 **STATUS:** Complete **CREATOR:** Ping He **CREATED:** 8/11/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME736 - Biomedical Signals and Processing **STUDENT REC TITLE:** Biomed Signal & Prscng **EFFECTIVE:** Fall 2010 **COURSE DESC:** Characteristics and measurement of various biomedical signals; time-domain and frequency-domain, continuous and discrete signal representations; application of digital and random signal processing methods to analysis of biomedical signals. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: BME 890 - Biomedical Signals I QTR EQUIV: BME 736
	VERSION: REV **COURSE:** BME7111 - Advanced Biomedical Signals **STUDENT REC TITLE:** Advanced Biomed Signals **EFFECTIVE:** Fall 2012 **COURSE DESC:** Characteristics and measurement of various biomedical signals; time-domain and frequency-domain, continuous and discrete signal representations; applications of digital and random signal processing methods to various biomedical signals. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate SEM PREREQ: BME 7110 QTR PREREQ: BME 890 - Biomedical Signals I QTR EQUIV: BME 736

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5811 **STATUS:** Complete **CREATOR:** Julie Ann Skipper **CREATED:** 9/30/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME734 - Processing of Medical Images **STUDENT REC TITLE:** Medical Imaging Processing **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMS 959.) Digital image processing in its application to medical images. Topics include image display, filtering, two-dimensional Fourier transform, restoration, enhancement, and edge detection. Some simple tools from the field of mathematical morphology are also introduced. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: BME 890, EE 710 or equivalent QTR EQUIV: BME 734
	VERSION: REV **COURSE:** BME7112 - Processing of Medical Images **STUDENT REC TITLE:** Proc of Medical Images **EFFECTIVE:** Fall 2012 **COURSE DESC:** Digital image processing and its application to medical images. Topics include image display, compression, filtering, spatial versus frequency domain techniques, edge detection, morphological operations, registration and classification. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: BME 7110 or equivalent QTR PREREQ: BME 890, EE 710 or equivalent QTR EQUIV: BME 734

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8757 **STATUS:** Complete **CREATOR:** Jennifer Weaver **CREATED:** 3/30/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** CURR **COURSE:** BME7112 - Processing of Medical Images **STUDENT REC TITLE:** Proc of Medical Images **EFFECTIVE:** Fall 2012 **COURSE DESC:** Digital image processing and its application to medical images. Topics include image display, compression, filtering, spatial versus frequency domain techniques, edge detection, morphological operations, registration and classification. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: BME 734
	VERSION: REV **COURSE:** BME7112 - Processing of Medical Images **STUDENT REC TITLE:** Proc of Medical Images **EFFECTIVE:** Fall 2012 **COURSE DESC:** Digital image processing and its application to medical images. Topics include image display, compression, filtering, spatial versus frequency domain techniques, edge detection, morphological operations, registration and classification. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: BME 7110 QTR EQUIV: BME 734

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8758 **STATUS:** Complete **CREATOR:** Jennifer Weaver **CREATED:** 3/30/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** CURR **COURSE:** BME7113 - Medical Image Analysis and Visualization **STUDENT REC TITLE:** Medical Image Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics of 2-D and 3-D image segmentation and registration; 2-D and 3-D feature selection; validation methods; and visualization techniques for volumetric medical images are covered. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: BME 739
	VERSION: REV **COURSE:** BME7113 - Medical Image Analysis and Visualization **STUDENT REC TITLE:** Medical Image Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics of 2-D and 3-D image segmentation and registration; 2-D and 3-D feature selection; validation methods; and visualization techniques for volumetric medical images are covered. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: BME 7112 or CEG 4500 or CEG 6500 QTR EQUIV: BME 739

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7174 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/31/11 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** REV **COURSE:** BME7113 - Medical Image Analysis and Visualization **STUDENT REC TITLE:** Medical Image Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics of 2-D and 3-D image segmentation and registration; 2-D and 3-D feature selection; validation methods; and visualization techniques for volumetric medical images are covered. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must have graduate standing in CSE, BME, or EE Department, College of Engineering and Computer Science. SEM PREREQ: BME 7112 OR CEG 4500 OR CEG 6500 XLIST: CEG 7590 QTR PREREQ: BME 734 OR CEG 724 QTR EQUIV: BME 739

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4448 **STATUS:** Complete **CREATOR:** Ping He **CREATED:** 8/11/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME731 - Medical Ultrasonics **STUDENT REC TITLE:** Medical Ultrasonics **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as BMS 956.) Fundamentals of medical ultrasonics: ultrasound generation, propagation, scattering, and attenuation in biological tissue. A-mode, B-mode, M-mode, and Doppler imaging techniques. Ultrasound tissue characterization and quantitative imaging techniques. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: PHY 242 & PHY 244 or equivalent; Programming using MATLAB QTR EQUIV: BME 731
	VERSION: REV **COURSE:** BME7131 - Medical Ultrasonics **STUDENT REC TITLE:** Medical Ultrasonics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of medical ultrasonics: ultrasound generation, propagation, scattering, and attenuation in biological tissue. Traditional A-mode, B-mode, M-mode, Doppler techniques and advanced ultrasound imaging techniques. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate SEM PREREQ: PHY 2401 or equivalent; Programming using MATLAB QTR PREREQ: PHY 242 & PHY 244 or equivalent; Programming using MATLAB QTR EQUIV: BME 731

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8764 **STATUS:** Complete **CREATOR:** Jennifer Weaver **CREATED:** 4/2/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** CURR **COURSE:** BME7131 - Medical Ultrasonics **STUDENT REC TITLE:** Medical Ultrasonics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of medical ultrasonics: ultrasound generation, propagation, scattering, and attenuation in biological tissue. Traditional A-mode, B-mode, M-mode, Doppler techniques and advanced ultrasound imaging techniques. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: BME 731
	VERSION: REV **COURSE:** BME7131 - Medical Ultrasonics **STUDENT REC TITLE:** Medical Ultrasonics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of medical ultrasonics: ultrasound generation, propagation, scattering, and attenuation in biological tissue. Traditional A-mode, B-mode, M-mode, Doppler techniques and advanced ultrasound imaging techniques. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: BME 4702 or BME 6702 QTR EQUIV: BME 731

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3776 **STATUS:** Complete **CREATOR:** Thomas Hangartner **CREATED:** 6/14/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME7132 - Computed Tomography **STUDENT REC TITLE:** Computed Tomography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of generating images from projections. Discussion of specific problems like beam hardening, scatter, metal artefacts, etc.. Focus on quantitative imaging in medical applications. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: BME 4702 or BME 6702 QTR PREREQ: BME 471 or BME 671 QTR EQUIV: BME 732

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7140 **STATUS:** Complete **CREATOR:** Thomas Hangartner **CREATED:** 1/29/11 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** BME733 - Nuclear Magentic Resonance in Medicine **STUDENT REC TITLE:** Med Nucl Magnetic Res **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as BMS 958.) Principles of imaging and spectroscopy of nuclear magnetic resonance in their applications to medicine. Topics include magnetization models, material encoding, spin interactions, localized spectroscopy, and relaxation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: BME 471 or 671 QTR EQUIV: BME 733
	VERSION: REV **COURSE:** BME7133 - Nuclear Magentic Resonance in Medicine **STUDENT REC TITLE:** Nucl Magnetic Res in Med **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of imaging and spectroscopy of nuclear magnetic resonance in their applications to medicine. Topics include magnetization models, material and spatial encoding, cardiac MRI, perfusion imaging, functional MRI etc. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BME 4702 or 6702 QTR PREREQ: BME 471 or 671 QTR EQUIV: BME 733

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3775 **STATUS:** Complete **CREATOR:** Thomas Hangartner **CREATED:** 6/14/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME7135 - Photon Emission Imaging **STUDENT REC TITLE:** Photon Emission Imaging **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of imaging procedures based on radioactive isotopes. Topics include radioactive isotopes, gamma camera physics, single-photon-emission tomography, and positron-emission tomography. Each topic covers instrumentation, image production, and major applications. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Homework assignments will require extensive MATLAB programming. Students without MATLAB or similar programming experience should consult with instructor before registering. SEM PREREQ: BME 4702 or BME 6702 QTR PREREQ: BME 471 or BME 671 QTR EQUIV: BME 735

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8754 **STATUS:** Complete **CREATOR:** Jennifer Weaver **CREATED:** 3/30/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** CURR **COURSE:** BME7136 - Instrumentation for Radiation Measurement **STUDENT REC TITLE:** Instrumen Radiation Meas **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical and practical consideration of radiation detectors and associated instrumentation, with focus on measurement of gamma radiation in the diagnostic energy range. Identification of metrics used to characterize system performance; quality assurance of imaging components. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: BME 737
	VERSION: REV **COURSE:** BME7136 - Instrumentation for Radiation Measurement **STUDENT REC TITLE:** Instrumen Radiation Meas **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical and practical consideration of radiation detectors and associated instrumentation, with focus on measurement of gamma radiation in the diagnostic energy range. Identification of metrics used to characterize system performance; quality assurance of imaging components. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: BME 6701 QTR EQUIV: BME 737

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4053 **STATUS:** Complete **CREATOR:** Julie Ann Skipper **CREATED:** 6/28/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME7136 - Instrumentation for Radiation Measurement **STUDENT REC TITLE:** Instrumen Radiation Meas **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical and practical consideration of radiation detectors and associated instrumentation, with focus on measurement of gamma radiation in the diagnostic energy range. Identification of metrics used to characterize system performance; quality assurance of imaging components. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 SEM PREREQ: BME 6701 QTR PREREQ: BME 670 QTR EQUIV: BME 737

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5086 **STATUS:** Complete **CREATOR:** David Reynolds **CREATED:** 9/14/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME7210 - Orthopaedic and Prosthetic Engineering **STUDENT REC TITLE:** Ortho & Prosthetic Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course enables the student to use engineering techniques in orthopaedic and prosthetic applications. Students also learn some of the human anatomy and terminology used by physicians and other practitioners so that they may become more literate and better able to communicate with the latter professions and to understand the literature in this field of biomechanics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Undergraduate engineering degree REGI NOTE: Since cannot check previous degrees at Registration, coded RRES as Exclude UG 11/2/11 per Hangartner. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: BME 3212 QTR PREREQ: BME 628

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5740 **STATUS:** Complete **CREATOR:** Tarun Goswami **CREATED:** 9/29/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME7220 - Experimental Orthopaedic Engineering **STUDENT REC TITLE:** Exp Ortho Eng **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course prepares the students to learn design aspects used in orthopaedic devices. It introduces the learner the components and designs of total joint replacement implants and fixation methods. Students research FDA application categories for various types of devices. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: BME 880

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5702 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/29/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** BME725 - Quantitative Workload Analysis **STUDENT REC TITLE:** Quant. Workload Analysis **EFFECTIVE:** Winter 2011 **COURSE DESC:** Physiological and mathematical methods needed to accomplish a workload analysis as requisite to a system design or a redesign of an ergonomic system. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BME 725
	VERSION: REV **COURSE:** BME7331 - Quantitative Workload Analysis **STUDENT REC TITLE:** Quant Workload Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Physiological and mathematical methods needed to accomplish a workload analysis as requisite to a system design or a redesign of an ergonomic system. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci. ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 XLIST: IHE 7331 QTR EQUIV: BME 725

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5708 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/29/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** BME749 - Ergonomics Biodynamics **STUDENT REC TITLE:** Ergonomics Biodynamics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Covers quantitative assessment of human motions. Mathematical descriptions include anthropometry, kinematics, kinetics and energetics. The methods of kinesiology, biomechanical modeling and electromyography are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level IHE 607
	VERSION: REV **COURSE:** BME7310 - Advanced Ergonomics **STUDENT REC TITLE:** Adv Ergon **EFFECTIVE:** Fall 2012 **COURSE DESC:** Design of workstations and hand-tools using physiology and biomechanics approach. Ergonomic analysis of assembly, machining and manual material handling operations. Practical solutions and real world case studies to improve productivity and reduce workers compensation costs. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6310 XLIST: IHE 7310 QTR PREREQ: Graduate level IHE 607

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5267 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** BME741 - Neuromuscular Engineering **STUDENT REC TITLE:** Neuromuscular Engineering **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as BMS 961.) Teaches the design and application of neuromuscular assistive devices. Emphasizes biomathematics modeling and control theory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7330 - Neuromuscular Engineering **STUDENT REC TITLE:** Neuromuscular Engineer **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teaches the design and application of neuromuscular assistive devices. Emphasizes biomathematics modeling and control theory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci. XLIST: BMS 9610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5700 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/29/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** BME749 - Ergonomics Biodynamics **STUDENT REC TITLE:** Ergonomics Biodynamics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Covers quantitative assessment of human motions. Mathematical descriptions include anthropometry, kinematics, kinetics and energetics. The methods of kinesiology, biomechanical modeling and electromyography are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: BME 749
	VERSION: REV **COURSE:** BME7335 - Ergonomic Biodynamics **STUDENT REC TITLE:** Ergon Biodyn **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers quantitative assessment of human motions. Mathematical descriptions include anthropometry, kinematics, kinetics and energetics. The methods of kinesiology, biomechanical modeling and electromyography are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci. ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 XLIST: IHE 7335 QTR EQUIV: BME 749

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5271 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME751 - Human Control Engineering **STUDENT REC TITLE:** Human Control Engineering **EFFECTIVE:** Fall 2010 **COURSE DESC:** Modeling, design and analysis of the physiological and cognitive performance of the human operator. Human-environmental interactions are characterized as biothermal control systems. Human-technological interactions are characterized as informative control systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7350 - Human Control Engineering **STUDENT REC TITLE:** Human Control Engineer **EFFECTIVE:** Fall 2012 **COURSE DESC:** Modeling, design and analysis of the physiological and cognitive performance of the human operator. Human-environmental interactions are characterized as biothermal control systems. Human-technological interactions are characterized as informative control systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5229 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME740 - Rehabilitation Engineering Design I **STUDENT REC TITLE:** Rehab Egr Design I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Presented as a three-quarter sequence to provide knowledge and experience in the rehabilitation engineering design process, research and development process, and funding issues. Limited to students enrolled in the graduate rehabilitation engineering training program. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7411 - Rehabilitation Engineering Design I **STUDENT REC TITLE:** Rehab Egr Design I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of knowledge and experience in the rehabilitation engineering design, research and development process. Includes navigating funding issues. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture, Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5236 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** BME7412 - Rehabilitation Engineering Design II **STUDENT REC TITLE:** Rehab Egr Design II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuation of BME 7411. Application of knowledge and experience in the rehabilitation engineering design, research and development process. Includes navigating funding issues. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture, Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5237 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME742 - Rehabilitation Assistive Systems **STUDENT REC TITLE:** Rehab Assistive Systems **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as BMS 962.) Design and application of devices used in rehabilitation. Provides an understanding of the problems of disabled people and the variety of possible solutions to these problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7422 - Rehabilitation Engineering Systems II **STUDENT REC TITLE:** Rehab Egr Sys II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Design and application of assistive devices used in rehabilitation of people with disabilities in various systems. Provides an understanding of the problems faced by people with disabilities, and the variety of possible solutions to these problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5238 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME743 - Introduction to Rehabilitation Engineering **STUDENT REC TITLE:** Intro Rehab Egr **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduces the complex structure of the rehabilitation engineering service delivery systems practiced in the United States. Covers basic disability areas, current laws, resources, and rehabilitation technology. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7421 - Rehabilitation Engineering Systems I **STUDENT REC TITLE:** Rehab Egr Sys I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces the complex structure of the rehabilitation engineering service delivery systems practiced in the United States. Covers basic disability areas, current laws, resources, and rehabilitation technology. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5689 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/29/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** BME744 - Kaizen/Lean Manufacturing for Engineers **STUDENT REC TITLE:** Kaizen/Lean Manufact Egr **EFFECTIVE:** Winter 2011 **COURSE DESC:** The course introduces students to the practical application of Lean manufacturing and Kaizen techniques in the manufacturing environment. It also includes case studies and team projects of real world problems and solutions. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level HFE 607 QTR EQUIV: BME 744
	VERSION: REV **COURSE:** BME7850 - Lean Process Improvement for Engineers **STUDENT REC TITLE:** Lean Proc Impr Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the practical application of lean manufacturing and kaizen techniques in multiple environments. Includes case studies and team projects based on real world problems and solutions. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci. ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6310 XLIST: IHE 7850 QTR PREREQ: Graduate level HFE 607 QTR EQUIV: BME 744

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5240 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME745 - Rehabilitation Engineering Service Delivery **STUDENT REC TITLE:** Rehab Egr Service Deliver **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduces rehabilitation engineering design principles. Includes practical design experiences in worksite modification, ergonomics, and accessibility evaluations. Provides experience in technical report writing and presentation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7450 - Rehabilitation Engineering Service Delivery **STUDENT REC TITLE:** Rehab Egr Serv Deliver **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces rehabilitation engineering design principles. Includes practical design experiences in worksite modification, ergonomics, and accessibility evaluations. Provides experience in technical report writing and presentation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5242 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME746 - Rehabilitation Engineering Computers I **STUDENT REC TITLE:** Rehab Egr Computers I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduces object oriented programming structured around the HyperCard, HyperText Macintosh, and ToolBook PC environments. Covers basic principles of programming using objects, cards, windows, projects, and graphics with application to rehabilitation engineering. Introduces PC hardware in detail. Concurrent enrollment in lecture and lab is required. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7461 - Rehabilitation Engineering Computers I **STUDENT REC TITLE:** Rehab Egr Computers I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces adaptive computer access hardware and software solutions for various disability populations in detail. Covers basic principles of programming with application to rehabilitation engineering. Lecture and lab are combined. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8753 **STATUS:** Process **CREATOR:** Jennifer Weaver **CREATED:** 3/30/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** CURR **COURSE:** BME7461 - Rehabilitation Engineering Computers I **STUDENT REC TITLE:** Rehab Egr Computers I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces adaptive computer access hardware and software solutions for various disability populations in detail. Covers basic principles of programming with application to rehabilitation engineering. Lecture and lab are combined. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7461 - Rehabilitation Engineering Computers I **STUDENT REC TITLE:** Rehab Egr Computers I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces adaptive computer access hardware and software solutions for various disability populations in detail. Covers basic principles of programming with application to rehabilitation engineering. Lecture and lab are combined. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5247 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME747 - Rehabiliation Engineering Design II **STUDENT REC TITLE:** Rehab Egr Design II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Continuation of BME 745 and BME 746. Focuses on development of computer application programs and devices to aid the disabled. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7462 - Rehabilitation Engineering Computers II **STUDENT REC TITLE:** Rehab Egr Computers II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuation of BME 7461. Focuses on development of computer application programs and assistive devices for people with disabilities. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5250 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME748 - Rehabilitation Engineering Intriduction to Clinical Practice **STUDENT REC TITLE:** Intro to Clinical Prac **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduces clinical practices and services provided to disabled patients in a rehabilitation center involving various services, testing, and evaluation. Focus is on spinal cord injury and traumatic brain injury. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7480 - Rehabilitation Engineering Introduction to Clinical Practice **STUDENT REC TITLE:** Rehab Egr Intr Clin Prac **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces clinical practices and interdisciplinary services provided to individuals with disabilities receiving services from various rehabilitation service delivery systems. Focuses on testing, evaluation, and training in multiple disability specialty areas. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5254 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** BME750 - Rehabilitation Engr **STUDENT REC TITLE:** Rehabilitation Engr **EFFECTIVE:** Fall 2010 **COURSE DESC:** Engineering analysis and design are applied on rehabilitation tasks within a clinical setting. Provides training in rehabilitation engineering management of various disabilities. Enrollment in multiple sections is required. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** BME7490 - Clinical Rehabilitation Engineering **STUDENT REC TITLE:** Clinical Rehab Egr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Engineering analysis and design are applied to rehabilitation tasks within a clinical setting. Provides training in rehabilitation engineering management of various disabilities. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 5 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7160 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** BME7930 - M.S. Non-Thesis Research in Biomedical Engineering **STUDENT REC TITLE:** Non-Thesis Resrch in BME **EFFECTIVE:** Fall 2012 **COURSE DESC:** M.S. Non-Thesis Research in Biomedical Engineering **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7161 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 11/10/11 WorkFlow	**VERSION:** REV **COURSE:** BME7950 - M.S. Thesis Research in Biomedical Engineeringneering **STUDENT REC TITLE:** Thesis Research in BME **EFFECTIVE:** Fall 2012 **COURSE DESC:** M.S. Thesis Research in Biomedical Engineering **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7157 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** BME7980 - Graduate Special Topics in Biomedical Engineering II **STUDENT REC TITLE:** Special Topics in BME II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate special topics in advanced biomedical engineering. Topics vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7159 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** BME7990 - Graduate Independent Studies in Biomedical Engineering II **STUDENT REC TITLE:** Independ Stdy in BME II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate independent studies in advanced biomedical engineering. Topics vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7162 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** BME8930 - Ph.D. Non-Dissertation Research in Biomedical Engineering **STUDENT REC TITLE:** Non-Dissrt Resrch in BME **EFFECTIVE:** Fall 2012 **COURSE DESC:** Ph.D. Non-Dissertation Research in Biomedical Engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7163 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** BME8950 - Ph.D. Dissertation Research in Biomedical Engineering **STUDENT REC TITLE:** Dissertation Resrch BME **EFFECTIVE:** Fall 2012 **COURSE DESC:** Ph.D. Dissertation Research in Biomedical Engineering **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6378 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/25/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS655 - Advanced Linear Algebra **STUDENT REC TITLE:** Advanced Linear Algebra **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as MTH 655.) Vector spaces and subspaces, basis and dimension, linear transformations and matrices, eigenvalues, eigenvectors, and inner product spaces. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level STT 560 and Graduate level STT 561
	VERSION: REV **COURSE:** BMS6550 - Advanced Linear Algebra **STUDENT REC TITLE:** Advanced Linear Algebra **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basic principles of linear independence, spanning sets, bases, and dimension. Linear transformations, matrix representations of linear transformations, and determinants. Spectral theory of square matrices, Jordan canonical form. Perron-Frobenius results on positive matrices. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: MTH 2530 AND MTH 2800 XLIST: MTH 6550 QTR PREREQ: Graduate level STT 560 and Graduate level STT 561

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6152 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/11/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS664 - Computational Statistics **STUDENT REC TITLE:** Computational Statistics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Bootstrapping is a computing - intensive method of data analysis by computing distributions. The method, including permutation tests can be easily adapted to many classical problems. Software used for the course includes SPLUS and Mathematica. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS6640 - Computational Statistics **STUDENT REC TITLE:** Computational Statistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Random number generation and Monte Carlo methods. The bootstrap and permutation tests. Numerical methods for optimization related to maximum likelihood estimation. Nonparametric density estimation. Monte Carlo Markov Chain (MCMC) methods. Classification and regression trees. Software used for the course includes SPLUS or R. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: STT 6640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6153 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/11/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS674 - Advanced Stat Methods **STUDENT REC TITLE:** Advanced Stat Methods **EFFECTIVE:** Winter 2011 **COURSE DESC:** Practical, applied coverage of basic statistical principles and terminology, ANOVA, multiple and logistic regression, sample size issues and experimental design. Biomedical data examples, review of computer output and class exercises are provided. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS6740 - Advanced Stat Methods **STUDENT REC TITLE:** Advanced Stat Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical, applied coverage of basic statistical principles and terminology, ANOVA, multiple and logistic regression, sample size issues and experimental design. Biomedical data examples, review of computer output and class exercises are provided. **COLLEGE:** College of Science & Math **CRED HR:** 0.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5894 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/1/10 **APPROVED:** 6/14/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS703 - Research Ethics **STUDENT REC TITLE:** Research Ethics **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMB 703.) Research ethics emphasizes the evaluation of hypothetical ethical scenarios. Class discussion is based on integrating ethical policy and practices as they relate to research at Wright State. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS7030 - Research Ethics **STUDENT REC TITLE:** Research Ethics **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as BMB 7030.) Research ethics emphasizes the evaluation of hypothetical ethical scenarios in biomedical research. Class discussion is based on integrating ethical policy and practices as they relate to research at Wright State and beyond. **COLLEGE:** College of Science & Math **CRED HR:** 0.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: BMB 7030

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6155 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/11/10 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS705 - Linear Systems I **STUDENT REC TITLE:** Linear Systems I **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as EE 701 and EGR 701.) Signal representation, orthonormal bases, and generalized Fourier series. Description of linear, discrete, and continuous systems. Systems analysis via classical equations, convolution, and transform methods. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 664 and Graduate level BMS 698
	VERSION: REV **COURSE:** BMS7050 - Applied Linear Techniques **STUDENT REC TITLE:** Applied Linear Technique **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate level linear engineering methods in finite and infinite dimensions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Graduate level BMS 6640 and Graduate level BMS 6980 XLIST: EE 7010 QTR PREREQ: Graduate level BMS 664 and Graduate level BMS 698

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6157 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/11/10 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS706 - Linear Systems II **STUDENT REC TITLE:** Linear Systems II **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as EE 702.) State variable representations of continuous and discrete systems. Linear vector spaces and similarity transformations; eigen-analysis, time and transform domain solutions of linear state equations; controllability, observability, and stability of linear systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 705
	VERSION: REV **COURSE:** BMS7060 - Modern Control I **STUDENT REC TITLE:** Modern Control I **EFFECTIVE:** Fall 2012 **COURSE DESC:** State variable representations of continuous and discrete systems. Linear vector spaces and similarity transformations; elgen-analysis, time and transform domain solutions of linear state equations; controllability, observability, and stability of linear systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: EE 7020 QTR PREREQ: Graduate level BMS 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6992 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/25/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS708 - Digital Signal Processing **STUDENT REC TITLE:** Digital Signal Processing **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as EE 710) Data Acquisition and Quantization, Unitary Transforms, Circular Convolution, Hilber Transform, FIR/IIR Filter Design and Realization, Analysis of Finite=Precision Numerical Effects, Spectral Estimation Cepstrum Analysis. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 706
	VERSION: REV **COURSE:** BMS7080 - Digital Signal Processing: Theory, Application and Implementation **STUDENT REC TITLE:** Digital Signal Process **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces principles and applications of digital signal processing (DSP) from the design and implementation perspective. Introduction to advanced digital signal processing design concepts. Focus on time and frequency domain algorithms. Methods include multirate signal processing. Filter banks, time-frequency analysis, and wavelets. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: EE 6360 QTR PREREQ: Graduate level BMS 706

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6271 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/18/10 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS710 - Control Systems I **STUDENT REC TITLE:** Control Systems I **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as EE 613.) Provides students with a general control background. Major topics include block diagrams and signal-flow graphs, electromechanical modeling including state variable representation, time response, root locus, and introduction to design. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 664 and Graduate level BMS 698
	VERSION: REV **COURSE:** BMS7100 - Continuous Control Systems **STUDENT REC TITLE:** Continuous Control Syst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory course providing students with a general control background. Major topics include block diagrams and signal-flow graphs, electromechanical modeling, time response, root locus, and design of PID controllers. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: EE 6130 QTR PREREQ: Graduate level BMS 664 and Graduate level BMS 698

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7080 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7110 - Biomedical Signals **STUDENT REC TITLE:** Biomedical Signals **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of techniques for the analysis of signals and systems, with a particular emphasis on the use of mathematical tools for analysis of medical imaging systems and data. Time-domain and frequency-domain analysis of continuous-time and discrete-time signals, sampling theory, 2D FFT, Fourier Slice Theorem, Radon transform, Hilbert transform. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7110

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7081 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7111 - Advanced Biomedical Signals **STUDENT REC TITLE:** Adv Biomedical Signals **EFFECTIVE:** Fall 2012 **COURSE DESC:** Characteristics and measurement of various biomedical signals; time-domain and frequency-domain, continuous and discrete signal representations; applications of digital and random signal processing methods to various biomedical signals. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7111

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6993 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/25/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS712 - Control Systems II **STUDENT REC TITLE:** Control Systems II **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as EE 615.) Using Control Systems I background, course concentrates on controller design, in both the time and frequency domains, using NYquist, Bode, and root locus techniques. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 710 and Graduate level BMS 711
	VERSION: REV **COURSE:** BMS7120 - Continuous Control Systems **STUDENT REC TITLE:** Cont Control Sytems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory course providing students with a general control background. Major topics include block diagrams and signal-flow graphs, electromechanical modeling, time response, root locus, and design of PID controllers. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: EE 6130 QTR PREREQ: Graduate level BMS 710 and Graduate level BMS 711

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6994 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/25/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS713 - Control Systems II Lab **STUDENT REC TITLE:** Control Systems II Lab **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as EE 616.) Application and testing of control systems theory with electromechanical systems. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 710 and Graduate level BMS 711
	VERSION: REV **COURSE:** BMS7130 - Continuous Control Systems Laboratory **STUDENT REC TITLE:** Cont Control Sys Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting BMS 7120. Students will experience hands on learning in lab environment. Application and testing of control systems theory with electromechanical systems. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate COREQ: BMS 7120 XLIST: EE 6131 QTR PREREQ: Graduate level BMS 710 and Graduate level BMS 711

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7082 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7135 - Photon Emission Imaging **STUDENT REC TITLE:** Photon Emission Imaging **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of imaging procedures based on radioactive isotopes. Topics include radioactive isotopes, gamma camera physics, single-photon-emission tomography, and positron-emission tomography. Each topic covers instrumentation, image production, and major applications. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7135

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7092 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7136 - Instrumentation for Radiation Measurement **STUDENT REC TITLE:** Inst for Radiation Meas **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical and practical consideration of radiation detectors and associated instrumentation, with focus on measurement of gamma radiation in the diagnostic energy range. Identification of metrics used to characterize system performance; quality assurance of imaging components. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7136

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7083 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7210 - Orthopaedic and Prosthetic Engineering **STUDENT REC TITLE:** Orthopaed & Prosthet Eng **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course enables the student to use engineering techniques in orthopaedic and prosthetic applications. Students also learn some of the human anatomy and terminology used by physicians and other practitioners so that they may become more literate and better able to communicate with the latter professions and to understand the literature in this field of biomechanics. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7210

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7087 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7220 - Experimental Orthopaedic Engineering **STUDENT REC TITLE:** Exper Orthopaed Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course prepares the students to learn design aspects used in orthopaedic devices. It introduces the learner the components and designs of total joint replacement implants and fixation methods. Students research FDA application categories for various types of devices. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7220

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6067 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/6/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS726 - Synthetic Polymer Chemistry **STUDENT REC TITLE:** Synthetic Polymer Chemistry **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as CHM 661.) Step-growth and chain-growth polymerization in homogeneous and heterogeneous media; properties of commercial polymers. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: (CHM 213 and CHM 217) or Graduate level CHM 561
	VERSION: REV **COURSE:** BMS7260 - Synthetic Polymer Chemistry **STUDENT REC TITLE:** Synthetic Polymer Chm **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as CHM 6610.) Step-growth and chain-growth polymerization in homogeneous and heterogeneous media; properties of commercial polymers. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: CHM 2120 XLIST: CHM 6610 QTR PREREQ: (CHM 213 and CHM 217) or Graduate level CHM 561

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7088 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7310 - Advanced Ergonomics **STUDENT REC TITLE:** Advanced Ergonomics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Design of workstations and hand-tools using Physiology and Biomechanics approach. Ergonomic analysis of assembly, machining and manual material handling operations. Practical solutions and real world case studies to improve productivity and reduce Workers Compensation costs. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7310

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7089 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7315 - Ergonomic Engineering **STUDENT REC TITLE:** Ergonomic Engineering **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced applications from a variety of bioengineering subfields are identified and defined with respect to their importance in the practice of human factors engineering. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7315

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7090 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7331 - Quantitative Workload Analysis **STUDENT REC TITLE:** Quant Workload Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Physiological and mathematical methods needed to accomplish a workload analysis as requisite to a system design or a redesign of an ergonomic system. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7331

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7091 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7335 - Ergonomic Biodynamics **STUDENT REC TITLE:** Ergonomic Biodynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers quantitative assessment of human motions. Mathematical descriptions include anthropometry, kinematics, kinetics and energetics. The methods of kinesiology, biomechanical modeling and electromyography are emphasized. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7335

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7094 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7350 - Human Control Engineering **STUDENT REC TITLE:** Human Cont Engineering **EFFECTIVE:** Fall 2012 **COURSE DESC:** Modeling, design and analysis of the physiological and cognitive performance of the human operator. Human-environmental interactions are characterized as biothermal control systems. Human-technological interactions are characterized as informative control systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7350

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7095 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/27/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7411 - Rehabilitation Engineering Design I **STUDENT REC TITLE:** Rehab Engin Design I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of knowledge and experience in the rehabilitation engineering design, research and development process. Includes navigating funding issues. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture, Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7411

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7110 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/28/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7412 - Rehabilitation Engineering Design II **STUDENT REC TITLE:** Rehab Eng Design II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuation of BMS 7411. Application of knowledge and experience in the rehabilitation engineering design, research and development process. Includes navigating funding issues. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture, Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7412

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7111 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/28/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7421 - Rehabilitation Engineering Systems I **STUDENT REC TITLE:** Rehab Eng Systems I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces the complex structure of the rehabilitation engineering service delivery systems practiced in the United States. Covers basic disability areas, current laws, resources, and rehabilitation technology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7421

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7112 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/28/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7422 - Rehabilitation Engineering Systems II **STUDENT REC TITLE:** Rehab Eng Systems II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Design and application of assistive devices used in rehabilitation of people with disabilities in various systems. Provides an understanding of the problems faced by people with disabilities, and the variety of possible solutions to these problems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7422

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7113 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/28/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7450 - Rehabilitation Engineering Service Delivery **STUDENT REC TITLE:** Rehab Eng Serv Delivery **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces rehabilitation engineering design principles. Includes practical design experiences in worksite modification, ergonomics, and accessibility evaluations. Provides experience in technical report writing and presentation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7450

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7114 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/28/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7461 - Rehabilitation Engineering Computers I **STUDENT REC TITLE:** Rehab Eng Computers I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces adaptive computer access hardware and software solutions for various disability populations in detail. Covers basic principles of programming with application to rehabilitation engineering. Lecture and lab are combined. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7461

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7115 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/28/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7462 - Rehabilitation Engineering Computers II **STUDENT REC TITLE:** Rehab Eng Computers II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuation of BMS 7461. Focuses on development of computer application programs and assistive devices for people with disabilities. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7462

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7116 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/28/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7480 - Rehabilitation Engineering Introduction to Clinical Practice **STUDENT REC TITLE:** Rehab Eng Intro Clincal **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces clinical practices and interdisciplinary services provided to individuals with disabilities receiving services from various rehabilitation service delivery systems. Focuses on testing, evaluation, and training in multiple disability specialty areas. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7480

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6272 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/18/10 **APPROVED:** 6/14/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS750 - Biochem & Molecular Biology I **STUDENT REC TITLE:** Biochem & Molecular Biology I **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMB 750.) Survey course emphasizing an experimental and problem-solving approach to buffers, protein structure, enzymes, and carbohydrate and lipid metabolism. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS7500 - Molecular Biochemistry I **STUDENT REC TITLE:** Molecular Biochemistry I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Also listed as BMB 7500. Survey course emphasizing experimental and problem-solving approaches to understanding amino acids, protein structure, enzymes, nucleic acid structure and DNA replication. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: BMB 7500

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6273 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/18/10 **APPROVED:** 6/14/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS752 - Biochem & Molecular Biology II **STUDENT REC TITLE:** Biochem & Molecular Biology II **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMB 752.) Survey course emphasizing an experimental and problem-solving approach to amino acid metabolism, nucleic acid function, and hormones. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 750
	VERSION: REV **COURSE:** BMS7520 - Molecular Biochemistry II **STUDENT REC TITLE:** Molecular Biochemist. II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey course emphasizing an experimental and problem-solving approach to metabolism, nucleic-acid function, protein synthesis, membranes and hormones. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: BMB 7520 QTR PREREQ: Graduate level BMS 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6274 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/18/10 **APPROVED:** 6/14/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS753 - Molecular Signalling/Cell Bio **STUDENT REC TITLE:** Molecular Signalling/Cell Bio **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMB 753.) A molecular analysis of information transfer into and within cells. Topics include visual transduction, hormones, hormone receptors, second messengers, regulation of transcription, and oncogenes. Readings from current scientific literature. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 750 and Graduate level BMS 752
	VERSION: REV **COURSE:** BMS7530 - Molecular Signalling-Molecular Cell Biology **STUDENT REC TITLE:** Molecular Signalling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Also listed as BMB 7530. A molecular analysis of information transfer into and within cells. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: BMB 7520 XLIST: BMB 7530 QTR PREREQ: Graduate level BMS 750 and Graduate level BMS 752

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6275 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/18/10 **APPROVED:** 6/14/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS760 - Molecular Biology of Nucleus **STUDENT REC TITLE:** Molecular Biology of Nucleus **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMB 760.) A literature-based course covering molecular events in the nucleus including DNA replication, repair, recombination, and transcription. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 750 and Graduate level BMS 752
	VERSION: REV **COURSE:** BMS7600 - Molecular Biology of the Nucleus **STUDENT REC TITLE:** Molec Bio of the Nucleus **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as BMB 760.) A literature-based course covering molecular events in the nucleus including DNA replication, repair, recombination, and transcription. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: BMS 7520 XLIST: BMB 7600 QTR PREREQ: Graduate level BMS 750 and Graduate level BMS 752

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6276 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/18/10 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS763 - In Vivo NMR Spectroscopy and Imaging **STUDENT REC TITLE:** NMR Spectro & Imaging **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMB 763.) Discusses the applications of NMR spectroscopy to the study of tissue metabolism in vivo. The fundamental theory of magnetic resonance imaging, with a survey of clinical applications, are also presented. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS7630 - In Vivo NMR Spectroscopy and Imaging **STUDENT REC TITLE:** NMR Spectro & Imaging **EFFECTIVE:** Fall 2012 **COURSE DESC:** Also listed as BMS 7630 and BME 7134. Discusses the applications of NMR spectroscopy to the study of tissue metabolism in vivo. The fundamental theory of magnetic resonance imaging, with a survey of clinical applications, is also presented. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: BME 4702 OR BME 6702 XLIST: BMB 7630, BME 7134

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6277 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/18/10 **APPROVED:** 6/14/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS765 - Comp Tools/Strategies in BMS **STUDENT REC TITLE:** Comp Tools/Strategies in BMS **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMB 765) This is a survey course of modern computational tools and strategies used in sequence, 3-D structure and functional analysis of biomolecules. Students will gain hands on "laboratory" experience with key software and strategies. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS7650 - Computational Tools and Strategies in Biomed Sciences **STUDENT REC TITLE:** Comp Tool/Strategies BMS **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is a survey course of modern computational tools and strategies used in sequence, e-D structure and functional analysis of biomolecules. Students will gain hands on "laboratory" experience with key software and strategies. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 2 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: BMS 7500 XLIST: ES 7650, BMB 7650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6071 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/6/10 **APPROVED:** 6/14/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS767 - Enzymes **STUDENT REC TITLE:** Enzymes **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMB 727.) Mechanism of enzyme catalysis, including such topics as structure, kinetics, energetics, allosterism, co-enzymes, and control of enzymes and multienzyme systems. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 750
	VERSION: REV **COURSE:** BMS7670 - Proteins and Enzymes **STUDENT REC TITLE:** Proteins and Enzymes **EFFECTIVE:** Fall 2012 **COURSE DESC:** Also listed as BMB 7270. Current concepts in protein structure and function and the mechanism of enzymatic catalysis. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Graduate Level BMS 7500 XLIST: BMB 7270 QTR PREREQ: Graduate level BMS 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6288 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/19/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS775 - Pathogenic Mechanisms **STUDENT REC TITLE:** Pathogenic Mechanisms **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as M&I 675.) Expands knowledge of basic microbiology by focusing on human-microbial pathogen interactions. The molecular basis of the pathogenic mechanisms will be emphasized. In addition, the student will gain a better appreciation and understanding of the complexities of interactions between microbes and their human hosts. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: BIO 201 and BIO 312
	VERSION: REV **COURSE:** BMS7750 - Pathogenic Mechanisms **STUDENT REC TITLE:** Pathogenic Mechanisms **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as M&I 6750.) This advanced level course will expand the knowledge of basic microbiology by focusing on human-microbial pathogen interactions. The molecular basis of the pathogenic mechanisms will be emphasized. In addition, the student will gain a better appreciation and understanding of the complexities of interactions between microbes and their human hosts. 4.0 Credit hours **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: BMS 8020 XLIST: M&I 6750 QTR PREREQ: BIO 201 and BIO 312

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6698 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 12/9/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS778 - Cell Biology **STUDENT REC TITLE:** Cell Biology **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BIO 730.) Provides a survey of basic concepts that are most important for understanding how cells function. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS7780 - Cell Biology **STUDENT REC TITLE:** Cell Biology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics include but not limited to a review of current understanding of the structure and function of cells, organelles and subcellular complexes. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: BIO 7300

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7118 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/28/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** REV **COURSE:** BMS7860 - Lean Process Improvement for Engineers **STUDENT REC TITLE:** Lean Proc Improv for Eng **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the practical application of lean manufacturing and Kaizen techniques in multiple environments. Includes case studies and team projects based on real world problems and solutions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences PhD. May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7850

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6290 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/19/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS802 - Immunology & Basic Virology **STUDENT REC TITLE:** Immunology & Basic Virology **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as M&I 726.) Fundamentals of immunobiology and basic virology. Emphasis on regulatory and cellular levels of host immune responses against microbial pathogens as well as mechanisms of immunopathology. Characteristics and molecular biology of virus pathogens. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 752 and Graduate level BMS 835
	VERSION: REV **COURSE:** BMS8020 - Immunology **STUDENT REC TITLE:** Immunology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as M&I 7260.) Fundamentals of immunobiology and basic virology. Emphasis on regulatory and cellular level of host immune responses against microbial pathogens as well as mechanisms of immunopathology, and on the characteristics and molecular biology of virus pathogens. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Graduate level BMS 7520 and Graduate level BMS 8350 XLIST: M&I 7260 QTR PREREQ: Graduate level BMS 752 and Graduate level BMS 835

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6291 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/19/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS803 - Pathogenic Microbiology **STUDENT REC TITLE:** Pathogenic Microbiology **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as M&I 727.) Study of microorganisms that are pathogenic for humans and animals using the organ system approach. Emphasis on mechanisms of pathogenesis and host resistance. Includes a project segment devoted to the independent study of the mechanisms of pathogenesis in the host-parasite interactions of the infectious agents used. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 752 and Graduate level BMS 835
	VERSION: REV **COURSE:** BMS8030 - Pathogenic Microbiology **STUDENT REC TITLE:** Pathogenic Microbiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as M&I 7270.) Microorganisms pathogenic for humans and animals using the organ system approach. Emphasis on mechanisms of pathogenesis and host resistance. Includes a project segment devoted to the independent study of the mechanisms of pathogenesis in the host-parasite interactions of the infectious agents used. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Graduate level BMS 7520 and Graduate level BMS 8350 XLIST: M&I 7270 QTR PREREQ: Graduate level BMS 752 and Graduate level BMS 835

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7605 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 3/18/11 **APPROVED:** 1/24/12 WorkFlow	**VERSION:** CURR **COURSE:** BMS805 - Intercellular Communication **STUDENT REC TITLE:** Intercellular Communication **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as M&I 770, PHA 740, P&B 776.) Introduces concepts of intercellular communication through an interdisciplinary presentation of immune and neuroendocrine system functions. Emphasizes the similarities between the systems and the multidisciplinary approaches used to study each. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS8050 - Intercellular Communication **STUDENT REC TITLE:** Intercell. Communication **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces the concepts of intercellular communication through an interdisciplinary presentation of immune and neuroendocrine system functions. Emphasizes the similarities between the systems and the multidis-ciplinary approaches used to study each. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: P&N 7760

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6292 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/19/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS807 - Basic Virology **STUDENT REC TITLE:** Basic Virology **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as M&I 731.) Introduction to the field of virology with emphasis on animal viruses. Studies the intrinsic properties of viruses and their interaction with cells; multiplication, disease production, genetics, and tumor induction. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS8070 - Virology **STUDENT REC TITLE:** Virology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as M&I 7310.) This course provides an introduction to the field of virology. The course emphasizes the intrinsic properties of viruses that cause human disease and their interaction with cells, multiplication, genetics, and tumor induction. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: M&I 7310

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6293 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/19/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS817 - Biological Safety **STUDENT REC TITLE:** Biological Safety **EFFECTIVE:** Winter 2011 **COURSE DESC:** The basic principles and practices of biosafety are examined. This course teaches the identification, handling and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS8170 - Biological Safety **STUDENT REC TITLE:** Biological Safety **EFFECTIVE:** Fall 2012 **COURSE DESC:** Identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate XLIST: ANT 6340, EES 6750, ANT 4340, EES 4750, BIO 4340, M&I 6340

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6296 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/20/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS837 - Human Gross Anatomy **STUDENT REC TITLE:** Human Gross Anatomy **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as ANT 711.) Lectures and dissection of human cadaver. Includes introductory embryology. **COLLEGE:** College of Science & Math **CRED HR:** 9 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS8370 - Human Gross Anatomy **STUDENT REC TITLE:** Human Gross Anatomy **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as ANT 7110.) Lectures and dissection of human cadaver donor. **COLLEGE:** College of Science & Math **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: ANT 7110

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6677 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 12/7/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS838 - Human Microanatomy **STUDENT REC TITLE:** Human Microanatomy **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as ANT 721.) Detailed macroanatomy of human cells, tissues, and organ systems. **COLLEGE:** College of Science & Math **CRED HR:** 8 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS8380 - Human Microanatomy **STUDENT REC TITLE:** Human Microanatomy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Detailed microanatomy of human cells, tissues, and organ systems. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: ANT 7210

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6298 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/20/10 **APPROVED:** 1/5/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS853 - Ion Channels **STUDENT REC TITLE:** Ion Channels **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as P&B 722.) Explores the role of ion channels in a variety of cell types with an emphasis on both electrophysiological and biochemical methods for evaluation of channel function. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 852
	VERSION: REV **COURSE:** BMS8530 - Ion Channels **STUDENT REC TITLE:** Ion Channels **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as P&B 7220.) This course explores the role of ion channels in a variety of cell types with an emphasis on both electrophysiological and biochemical methods for evaluation of channel function. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: BMS 7220 QTR PREREQ: Graduate level BMS 852

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6676 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 12/7/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS862 - Human Physiology **STUDENT REC TITLE:** Human Physiology **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as P&B 610.) An overview of human/mammalian organ system physiology. Fundamental mechanisms and the experimental basis for current understanding are emphasized. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS8620 - Human Physiology **STUDENT REC TITLE:** Human Physiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as P&N 6100.) An overview of human/mammalian organ physiology. Fundamental mechanisms and the experimental basis for current understanding is emphasized. Prerequisite: Introductory biology, chemistry, physics, or permission of instructor. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: P&N 6100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6314 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/21/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS863 - Principles of Biomedical Research **STUDENT REC TITLE:** Prin Biomedical Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** This course is appropriate for students who will be involved in biomedical research. This provides lecture and student interactive series designed to introduce students to the basics of biomedical research. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Biomedical Sciences
	VERSION: REV **COURSE:** BMS8630 - Principles of Biomedical Research **STUDENT REC TITLE:** Prin Biomedical Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of Biomedical Research is appropriate for students that will be involved in Biomedical Research. PBR provides a lecture and student interactive series designed to introduce students to the basic of Biomedical Research. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Biomedical Sciences XLIST: ANT 8600, P&N 8600

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6301 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/20/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS865 - Introduction Neurophysiology **STUDENT REC TITLE:** Introduction Neurophysiology **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as P&B 642.) Physiological mechanisms that subserve the functions of the nervous system. Topics include the biophysics of neuronal information, intercellular communications, motor control, sensory systems, and development neurobiology. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 852
	VERSION: REV **COURSE:** BMS8650 - Introduction Neurophysiology **STUDENT REC TITLE:** Intro Neurophysiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as P&N 6420.) Physiological mechanisms that subserve the functions of the nervous system. Topics include the biophysics of neuronal information, intercellular communications, motor control, sensory systems, and development neurobiology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Graduate level BMS 8520 XLIST: P&N 6420 QTR PREREQ: Graduate level BMS 852

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6302 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/20/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS869 - Quant Aspects Membrane Trans **STUDENT REC TITLE:** Quant Aspects Membrane Trans **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as P&B 669.) Employs a quantitative approach to the properties of solutes, water, bio-electrical phenomena, transport systems that move solutes across biological membranes, and the interactions of these solutes with membranes. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level BMS 835 and Graduate level BMS 852
	VERSION: REV **COURSE:** BMS8690 - Quant Aspct-Membrane Transport **STUDENT REC TITLE:** Quant Aspct-Membran Trns **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as P&B 6690.) Employs a quantitative approach to the properties of solutes, water, bio-electrical phenomena, the properties of transport systems that move solutes across biological membranes, and the interactions of these solutes with membranes. Completion of calculus, cell biology, and cellular physiology and biophysics required. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Graduate level BMS 8350 and Graduate level BMS 8520 XLIST: P&N 6690 QTR PREREQ: Graduate level BMS 835 and Graduate level BMS 852

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7036 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/26/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS872 - Mechanisms of Cell Death **STUDENT REC TITLE:** Mechanisms of Cell Death **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as P&B 772/M&I 772.) Signalling and molecular mechanisms of apoptotic cell death and relationship to human diseases. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS8720 - Mechanisms of Cell Death **STUDENT REC TITLE:** Mechanisms of Cell Death **EFFECTIVE:** Fall 2012 **COURSE DESC:** Signalling and Molecular mechanisms of Apoptotic Cell Death and relationship to human diseases. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: P&N 7920, M&I 7720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6316 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/21/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS875 - Neuroscience & Physiology **STUDENT REC TITLE:** Neuroscience & Physiolog **EFFECTIVE:** Winter 2011 **COURSE DESC:** In-depth coverage of cellular neuroscience with an emphasis on physiological concepts. Subjects include nervous system development, generation of ion gradients, ionic basis of the action potential, synaptic transmission and ion channels. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS8750 - Neuroscience & Physiology **STUDENT REC TITLE:** Neuroscience & Physiolog **EFFECTIVE:** Fall 2012 **COURSE DESC:** In-depth coverage of cellular neuroscience with an emphasis on physiological concepts. Subjects include nervous system development, generation of ion gradients, ionic basis of the action potential, synaptic transmission and ion channels. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6318 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/21/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS899 - Continuing Education **STUDENT REC TITLE:** Continuing Education **EFFECTIVE:** Winter 2011 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS8990 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 0.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6297 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/20/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS903 - Human Neurobiology **STUDENT REC TITLE:** Human Neurobiology **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as ANT 731.) Detailed survey of the anatomy and physiology of the major fiber tracts and cell groups of the human central nervous system. **COLLEGE:** College of Science & Math **CRED HR:** 7 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9030 - Human Neurobiology **STUDENT REC TITLE:** Human Neurobiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as ANT 7310.) Detailed survey of the anatomy and physiology of the major fiber tracts and cell groups of the human central nervous system. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: ANT 7310

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7039 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/26/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS954 - Quantitative Workload Analysis **STUDENT REC TITLE:** Quantitative Workload Analysis **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as HFE 725.) Provides students with tools required to accomplish a workload analysis as a requisite to a systems design or a redesign of an existing system. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9540 - Quantitative Workload Analysis **STUDENT REC TITLE:** Quant Workload Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Physiological and mathematical methods needed to accomplish a workload analysis as requisite to a system design or a redesign of an ergonomic system. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7331

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7040 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/26/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS956 - Medical Ultrasonics **STUDENT REC TITLE:** Medical Ultrasonics **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as BME 731.) Fundamentals of medical ultrasonics: ultrasound generation, propagation, scattering, and attenuation in biological tissue. A-mode, B-mode, M-mode, and Doppler imaging techniques. Ultrasound tissue characterization and quantitative imaging techniques. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9560 - Medical Ultrasonics **STUDENT REC TITLE:** Medical Ultrasonics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of medical ultrasonics: ultrasound generation, propagation, scattering, and attenuation in biological tissue. Traditional A-mode, B-mode, M-mode, Doppler techniques and advanced ultrasound imaging techniques. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7131

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7041 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/26/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS957 - Computed Tomography **STUDENT REC TITLE:** Computed Tomography **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as BME 732.) Principles of generating images from projections. Discussion of the various scanner geometries, mathematical reconstruction, correction procedures, and qualitative and quantitative evaluation of images. A major focus is the medical application of computed tomography. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9570 - Computed Tomography **STUDENT REC TITLE:** Computed Tomography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of generating images from projections. Discussion of specific problems like beam hardening, scatter, metal artefacts, etc. Focus on quantitative imaging in medical applications. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7132

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7042 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/26/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS959 - Processing of Medical Images **STUDENT REC TITLE:** Processing of Medical Images **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as BME 734.) Digital image processing in its application to medical images. Topics include image display, filtering, two-dimensional Fourier transform, restoration, enhancement, and edge detection. Some simple tools from the field of mathematical morphology are also introduced. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9590 - Processing of Medical Images **STUDENT REC TITLE:** Process Medical Images **EFFECTIVE:** Fall 2012 **COURSE DESC:** Digital image processing and its application to medical images. Topics include image display, compression, filtering, spatial versus frequency domain techniques, edge detection, morphological operations, registration and classification. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7043 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 1/26/11 **APPROVED:** 7/11/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS961 - Neuromuscular Rehab Egr **STUDENT REC TITLE:** Neuromuscular Rehab Egr **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as BME 741.) Teaches the design and application of neuromuscular assistive devices. Biomathematics modeling and control theory are emphasized. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9610 - Neuromuscular Engineering **STUDENT REC TITLE:** Neuromusculr Engineering **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teaches the design and application of neuromuscular assistive devices. Emphasizes biomathematics modeling and control theory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate XLIST: BME 7330

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6306 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/21/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS990 - Biomedical Sciences Seminar **STUDENT REC TITLE:** Biomedical Sciences Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as P&B 808.) Convention of student body and faculty in biomedical sciences to learn, discuss, and critique the basic and clinical biomedical literature as presented by an active and reputable scientific investigator. Student presentations required. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9900 - Biomedical Sciences Seminar **STUDENT REC TITLE:** Biomedical Sciences Sem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Convention of student body and faculty in biomedical sciences to learn, discuss, and critique the basic and clinical biomedical literature as presented by an active and reputable scientific investigator. Student presentations required. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0.5 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6308 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/21/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS991 - Special Topics **STUDENT REC TITLE:** Special Topics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Selected topics in biomedical sciences. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9910 - Special Topics **STUDENT REC TITLE:** Special Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in biomedical sciences. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6309 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/21/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS994 - Introduction to Research **STUDENT REC TITLE:** Introduction to Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduces BMS students to the ongoing research activities within the nine program tracks; involves presentations by BMS faculty. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9940 - Introduction to Research **STUDENT REC TITLE:** Introduction to Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces BMS students to the ongoing research activities within the nine program tracks; involves presentations by BMS faculty. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5927 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/1/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS995 - Non-Dissertation Research **STUDENT REC TITLE:** Non-Dissertation Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** Supervised research other than laboratory rotations or dissertation research.Pass/unsatisfactory grades. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9950 - Non-Dissertation Research **STUDENT REC TITLE:** Non-Dissertation Resrch **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised research other than laboratory rotations or dissertation research.Pass/unsatisfactory grades. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6310 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/21/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS996 - Laboratory Rotation I **STUDENT REC TITLE:** Laboratory Rotation I **EFFECTIVE:** Winter 2011 **COURSE DESC:** Independent study designed to develop proficiency in technology, instrumentation, research design, and data analysis in an area of concentration (advanced curriculum) different from a student's area of specialization. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9960 - Laboratory Rotation I **STUDENT REC TITLE:** Laboratory Rotation I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study designed to develop proficiency in technology, instrumentation, research design, and data analysis in an area of concentration (advanced curriculum) different from a student's area of specialization. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 2 - 8 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6311 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/21/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS997 - Laboratory Rotation II **STUDENT REC TITLE:** Laboratory Rotation II **EFFECTIVE:** Winter 2011 **COURSE DESC:** Independent study designed to develop proficiency in technology, instrumentation, research design, and data analysis in an area of concentration (advanced curriculum) different from a student's area of specialization. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9970 - Laboratory Rotation II **STUDENT REC TITLE:** Laboratory Rotation II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study designed to develop proficiency in technology, instrumentation, research design, and data analysis in an area of concentration (advanced curriculum) different from a student's area of specialization. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 2 - 8 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6312 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/21/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS998 - Laboratory Rotation III **STUDENT REC TITLE:** Laboratory Rotation III **EFFECTIVE:** Winter 2011 **COURSE DESC:** Independent study designed to develop proficiency in technology, instrumentation, research design, and data analysis in an area of concentration (advanced curriculum) different from a student's area of specialization. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9980 - Laboratory Rotation III **STUDENT REC TITLE:** Laboratory Rotation III **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study designed to develop proficiency in technology, instrumentation, research design, and data analysis in an area of concentration (advanced curriculum) different from a student's area of specialization. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 2 - 8 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6085 **STATUS:** Complete **CREATOR:** Karen Luchin **CREATED:** 10/7/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** BMS999 - Dissertation Research **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** Planning and execution of scholarly original research of a quality that is publishable in a referred, scientific journal. Research must be communicated to the supervisory committee in written form and defended by public, oral examination. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** BMS9990 - Dissertation Research **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Planning and execution of scholarly original research of a quality that is publishable in a referred, scientific journal. Research must be communicated to the supervisory committee in written form and defended by public, oral examination. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Biomedical Sciences - PHD May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1344 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/23/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG561 - Introduction to Software Testing **STUDENT REC TITLE:** Intro Software Testing **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course introduces software testing strategies and established best practices for testing software in a systematic manner. Focus is on planning, writing, and executing a software test plan along with documented results. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture QTR PREREQ: CS 142 or CS 241 or CS 209 QTR EQUIV: CEG 561
	VERSION: REV **COURSE:** CEG5110 - Introduction to Software Testing **STUDENT REC TITLE:** Intro Software Testing **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course introduces software testing strategies and established best practices for testing software in a systematic manner. Focus is on planning, writing, and executing a software test plan along with documented results. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CS 1160 or CS 1180 XLIST: CEG 3110 QTR PREREQ: CS 142 or CS 241 or CS 209 QTR EQUIV: CEG 561

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3358 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 5/20/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG520 - Computer Organization **STUDENT REC TITLE:** Computer Organization **EFFECTIVE:** Fall 2010 **COURSE DESC:** Organizational and sequential operation of a digital computer. Program control, memory organization and hierarcy, stacks and parameter passing, interrupts and traps, I/O devices, program structure, machine code and assembly language. Three hours lecture, two hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CS 242 or (CEG 221 and MTH 257) QTR EQUIV: CEG 520
	VERSION: REV **COURSE:** CEG5310 - Computer Organization **STUDENT REC TITLE:** Computer Organization **EFFECTIVE:** Fall 2012 **COURSE DESC:** Organization and sequential operation of digital computers. Binary and hexadecimal number systems, 2's complement arithmetic, program control, memory organization and hierarchy, addressing modes, stacks and parameter passing, interrupts and traps, I/O devices, DMA, cache, and virtual memory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 1181 or equivalent XLIST: CEG 3310 QTR PREREQ: CS 242 or (CEG 221 and MTH 257) QTR EQUIV: CEG 520

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2859 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 4/22/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG560 - Digital System Design **STUDENT REC TITLE:** Digital System Design **EFFECTIVE:** Spring 2010 **COURSE DESC:** (Also listed as EE 651.) Topics include flip-flops, registers, counters, programmable logic devices, memory devices, register-level design, and microcomputer system organization. Students must show competency in the design of digital systems. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 260 QTR EQUIV: CEG 560
	VERSION: REV **COURSE:** CEG5320 - Digital System Design **STUDENT REC TITLE:** Digital System Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basics of Digital Computer Hardware and Design. Topics include switching algebra and switching functions, logic design of combinational and sequential circuits, storage elements, register-level design, and instrumentation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: MPL 5+ and (CS 1160 or CS 1180 or CEG 2170) QTR PREREQ: CEG 260 QTR EQUIV: CEG 560

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5410 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/21/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** REV **COURSE:** CEG5900 - Special Topics in Computer Engineering **STUDENT REC TITLE:** Special Topics in CEG **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special topics in computer engineering **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NONE

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5823 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/30/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** REV **COURSE:** CEG5900 - Special Topics in Computer Science **STUDENT REC TITLE:** Special Topics in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in computer science. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: NONE

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5413 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/21/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** REV **COURSE:** CEG5970 - Independent Study in Computer Engineering **STUDENT REC TITLE:** Independent Study in CEG **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in computer engineering topics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NONE

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1917 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG602 - Computer Networks **STUDENT REC TITLE:** Computer Networks **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of modern digital communications techniques. Specific focus is on serial transmission over public communication channels. Topics include information content and coding, asynchronous and synchronous formats, concentrating and multiplexing, channel properties, modulation techniques, common carrier services, error sources and control, regulatory policies, networks, and their analyses. Students design both hardware and software components of computer communications systems. 3 hours lecture, 2 hours lab. Knowledge of a higher-order language required. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CS 242 QTR EQUIV: CEG 602
	VERSION: REV **COURSE:** CEG6400 - Computer Networks **STUDENT REC TITLE:** Computer Networks **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of modern digital communications techniques. Specific focus is on serial transmission over public communication channels. Topics include information content and coding, asynchronous and synchronous formats, concentrating and multiplexing, channel properties, modulation techniques, common carrier services, error sources and control, regulatory policies, networks, and their analyses. Students design both hardware and software components of computer communications systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Knowledge of a higher-order language required. SEM PREREQ: CS 1800 COREQ: CEG 6400L XLIST: CEG 4400 QTR PREREQ: CS 242 QTR EQUIV: CEG 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1928 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG603 - Personal Area Networks **STUDENT REC TITLE:** Personal Area Networks **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction of wireless Personal Area Networks (WPANs). Topics include the networking architectures, protocol design and development, resource management, middleware and agent technologies, safety, security and compatibility and performance analysis in WPANs. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 402 or Graduate level CEG 602
	VERSION: CURR **COURSE:** CEG636 - Mobile Computing **STUDENT REC TITLE:** Mobile Computing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Study networking protocol and system design in mobile computing. Focus on concepts, architecture, design, and performance evaluation of mobile computing principle, protocols and applications, including: wireless TCP, Mobile IP, 802.11 agent techniques, etc. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate May not be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 402 or Graduate level CEG 602
	VERSION: REV **COURSE:** CEG6410 - Mobile Computing **STUDENT REC TITLE:** Mobile Computing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study networking protocol and system design in mobile computing. Focus on concepts, architecture, design, and performance evaluation of mobile computing principle, protocols and applications, including: wireless TCP, Mobile IP, 802.11 agent techniques, etc. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1928 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	May not be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4400 or CEG 6400 XLIST: CEG 4410 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: CEG 402 or Graduate level CEG 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1918 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG604 - Wireless Sensor Networks **STUDENT REC TITLE:** Wireless Sensor Networks **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to wireless sensor networks. Overview of fundamental problems and their solutions. Focus on data aggregation, dissemination, localization, power management, security, algorithms and protocol. Students develop applications using Micaz motes and sensors running TinyOS operating systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 402 or Graduate level CEG 602 QTR EQUIV: CEG 604
	VERSION: REV **COURSE:** CEG6450 - Sensor Networks and Systems **STUDENT REC TITLE:** Sensor Net and Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to wireless sensor networks. Overview of fundamental problems and their solutions. Focus on data aggregation, dissemination, localization, power management, security, algorithms and protocol. Students develop applications using Micaz motes and sensors running TinyOS operating systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4400 or CEG 6400 XLIST: CEG 4450 QTR PREREQ: CEG 402 or Graduate level CEG 602 QTR EQUIV: CEG 604

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1352 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/23/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG660 - Introduction to Software Engineering **STUDENT REC TITLE:** Intro to Software Engr **EFFECTIVE:** Winter 2010 **COURSE DESC:** Concepts of software engineering including analysis, design, and implementation of software engineering concepts that comprise structured programming and design. Case studies serve as examples illustrating the software life-cycle model. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 600 QTR EQUIV: CEG 660
	VERSION: REV **COURSE:** CEG6110 - Introduction to Software Engineering **STUDENT REC TITLE:** Intro to Software Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts of software engineering including analysis, design, and implementation of software engineering concepts that comprise structured programming and design. Case studies serve as examples illustrating the software life-cycle model. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 5000 XLIST: CEG 4110 QTR PREREQ: Graduate level CS 600 QTR EQUIV: CEG 660

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1396 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/28/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG668 - Managing the Software Development Process **STUDENT REC TITLE:** Managing Softw/Dev Proces **EFFECTIVE:** Winter 2010 **COURSE DESC:** Discusses software development processes, models, and techniques necessary to successfully develop large-scale software and presents the Capability Maturity Model (CMM). Students will participate in the development of a software project. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CEG 660 QTR EQUIV: CEG 668
	VERSION: REV **COURSE:** CEG6120 - Managing the Software Development Process **STUDENT REC TITLE:** Managing Sofw/Dev Proces **EFFECTIVE:** Fall 2012 **COURSE DESC:** Discusses software development processes, models, and techniques necessary to successfully develop large-scale software and presents the Capability Maturity Model (CMM). Students will participate in the development of a software project. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 6110 XLIST: CEG 4120 QTR PREREQ: Graduate level CEG 660 QTR EQUIV: CEG 668

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1361 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/23/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG663 - Personal Software Development Process **STUDENT REC TITLE:** Pers Softw/Dev Process **EFFECTIVE:** Winter 2010 **COURSE DESC:** Discusses software development as it relates to the individual, software process measurement, design and code reviews, software quality measurement, design and design verification. Each student will participate in the development of a software project. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CEG 660 QTR EQUIV: CEG 663
	VERSION: REV **COURSE:** CEG6130 - Personal Software Development Process **STUDENT REC TITLE:** Pers Softw/Dev Process **EFFECTIVE:** Fall 2012 **COURSE DESC:** Discusses software development as it relates to the individual, software process measurement, design and code reviews, software quality measurement, design and design verification. Each student will participate in the development of a software project. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4110 or CEG 6110 XLIST: CEG 4130 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level CEG 660 QTR EQUIV: CEG 663

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7910 **STATUS:** Complete **CREATOR:** Mateen Rizki **CREATED:** 7/8/11 **APPROVED:** 12/16/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG616 - Matrix Computations **STUDENT REC TITLE:** Matrix Computations **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as MTH 616.) Survey of numerical methods in linear algebra emphasizing practice with high-level computer tools. Topics include Gaussian elimination, LU decomposition, numerical eigenvalue problems, QR factorization, least squares, singular value decompositions, and iterative methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (MTH 253 or MTH 355) and (CS 142 or CS 241) QTR EQUIV: CEG 616
	VERSION: REV **COURSE:** CEG6260 - Matrix Computations **STUDENT REC TITLE:** Matrix Computations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Numerical linear algebra survey using high-level computing tools. Topics include linear equations, matrix factorizations, eigenvalue problems, least squares, applications of singular value decompositions, and iterative methods for large sparse matrices. Conditioning of problems and accuracy and stability of algorithms are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: MTH 2530 and (CS 1410 or CS 1800 or CEG 2200) XLIST: CS 4260, MTH 6160, MTH 4160 QTR PREREQ: (MTH 253 or MTH 355) and (CS 142 or CS 241) QTR EQUIV: CEG 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1355 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/23/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG661 - Object-Oriented Programming & Design **STUDENT REC TITLE:** Obj-Oriented Prog & Desig **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics emphasize the core concepts of encapsulation, inheritance, polymorphism, and dynamic binding. Additional topics include class organization, software maintenance, and design of reusable components. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CEG 660 QTR EQUIV: CEG 661
	VERSION: REV **COURSE:** CEG6180 - Object-Oriented Programming & Design **STUDENT REC TITLE:** Obj-Orient Prog & Desig **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics emphasize the core concepts of encapsulation, inheritance, polymorphism, and dynamic binding. Additional topics include class organization, software maintenance, and design of reusable components. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4110 or CEG 6110 XLIST: CEG 4180 QTR PREREQ: Graduate level CEG 660 QTR EQUIV: CEG 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1913 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG629 - Internet Security **STUDENT REC TITLE:** Internet Security **EFFECTIVE:** Spring 2010 **COURSE DESC:** Authentication, address spoofing, hijacking, SYN floods, smurfing, sniffing, routing tricks, and privacy of data en-route. Buffer overruns and other exploitations of software development errors. Hardening of operating systems. Intrusion detection. Firewalls. Ethics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 433 QTR EQUIV: CEG 629
	VERSION: REV **COURSE:** CEG6420 - Internet Security **STUDENT REC TITLE:** Internet Security **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to security issues arising primarily from computer networks. Topics include node and service authentication, address spoofing, hijacking, SYN floods, smurfing, sniffing, routing tricks, and privacy of data en route. Buffer overruns and other exploitation of software development errors. Hardening of operating systems. Intrusion detection. Firewalls. Ethics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4350 or CEG 6350 XLIST: CEG 4420 QTR PREREQ: CEG 433 QTR EQUIV: CEG 629

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3106 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 5/7/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG633 - Operating Systems **STUDENT REC TITLE:** Operating Systems **EFFECTIVE:** Fall 2010 **COURSE DESC:** Overview of Operating System internals. File-system usage and design, process usage and control, virtual memory, multi user systems, access control. Course projects use C++ language. 4 Credit Hours. Three house lecture, two hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 520 and CS 600 QTR EQUIV: CEG 633
	VERSION: REV **COURSE:** CEG6350 - OS Internals and Design **STUDENT REC TITLE:** OS Internals and Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of operating systems internals. File-system usage and design, process usage and control, virtual memory, multi user systems, access control. Course projects use C++ language. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 3310 or CEG 5310 or CS 3100 or CS 5100 XLIST: CEG 4350 QTR PREREQ: CEG 520 and CS 600 QTR EQUIV: CEG 633

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1514 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/6/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG653 - Embedded Systems **STUDENT REC TITLE:** Embedded Systems **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to small, special-purpose computer systems. Topics include hardware design issues, software design and implementation, and real-time operating systems. Three hours lecture, two hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 260 and Graduate level CEG 520 QTR EQUIV: CEG 653
	VERSION: REV **COURSE:** CEG6330 - Microprocessor-based Embedded Systems **STUDENT REC TITLE:** Micropro Embedded System **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to small, special-purpose microprocessor systems. Topics include hardware design issues, software design and implementation, and real-time operating systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 3320 or CEG 5320 XLIST: CEG 4330 QTR PREREQ: CEG 260 and Graduate level CEG 520 QTR EQUIV: CEG 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1923 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG635 - Distributed Computing and Systems **STUDENT REC TITLE:** Distrib Computing & Sys **EFFECTIVE:** Spring 2010 **COURSE DESC:** Covers issues such as process coordination, client-server computing, network and distributed operating systems, network and distributed file systems, concurrency control and recovery of distributed transactions, and fault-tolerant computing. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CEG 633 QTR EQUIV: CEG 635
	VERSION: REV **COURSE:** CEG6360 - Distributed Computing and Systems **STUDENT REC TITLE:** Distrib Computing & Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers issues such as process coordination, client-server computing, network and distributed operating systems, network and distributed file systems, concurrency control and recovery of distributed transactions, and fault-tolerant computing. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4350 or CEG 6350 XLIST: CEG 4360 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level CEG 633 QTR EQUIV: CEG 635

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8362 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** CURR **COURSE:** CEG6400 - Computer Networks **STUDENT REC TITLE:** Computer Networks **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of modern digital communications techniques. Specific focus is on serial transmission over public communication channels. Topics include information content and coding, asynchronous and synchronous formats, concentrating and multiplexing, channel properties, modulation techniques, common carrier services, error sources and control, regulatory policies, networks, and their analyses. Students design both hardware and software components of computer communications systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** CEG6400 - Computer Networks & Security **STUDENT REC TITLE:** Comp Networks & Security **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course covers fundamental knowledge on computer networks, network security, and technologies for ensuring network security. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: CEG 3310 or CEG 5310 COREQ: CEG 6400L XLIST: CEG 4400

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8358 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** CURR **COURSE:** CEG6420 - Internet Security **STUDENT REC TITLE:** Internet Security **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to security issues arising primarily from computer networks. Topics include node and service authentication, address spoofing, hijacking, SYN floods, smurfing, sniffing, routing tricks, and privacy of data en route. Buffer overruns and other exploitation of software development errors. Hardening of operating systems. Intrusion detection. Firewalls. Ethics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** CEG6420 - Host Computer Security **STUDENT REC TITLE:** Host Computer Security **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course introduces security hardening of a single system, and how to protect it when connected to a network. It explains how malware can compromise security and privacy from the moment a machine is powered on until shut down. Topics include Privilege Escalation, Buffer Overruns, Network Packet Mangling, Session Hijacking, Firewalls, and ethics. Lab work uses tools such as nmap and BackTrack Linux. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: CEG 6350 XLIST: CEG 4420

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8356 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** REV **COURSE:** CEG6422 - Secure Computing Practices **STUDENT REC TITLE:** Secure Computing Pract **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course describes computing practices that one should adopt to improve security in all computer work. It describes the use of cryptography, without getting into crypto alogrithms, such as MD5, SHA1. Topics include secure deletion of files, secure wireless connections, Covert channels, Steganography, Sandboxes, Zombie Machines, DDoS and Man-in-the-Middle Attacks. Lab work uses tools such as ssh, TrueCrypt, GnuPGP, virtual-box. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CEG 4420 or CEG 6420 Host Computer Security XLIST: CEG 4422

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8371 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** REV **COURSE:** CEG6424 - Security Attacks & Defenses **STUDENT REC TITLE:** Security Attacks & Def **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course presents the principles behind techniques of attacks and their defenses. It introduces reconnaissance, penetration, denial of service, and covert channels. Topics include Privilege Escalation, Hijacking, Trusted booting, Packet filtration, Protocol scrubbing and Honeypots. Lab work uses tools such as MetaSploit. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate student status SEM PREREQ: CEG 6420 XLIST: CEG 4424

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3287 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 5/18/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG676 - Computer Graphics **STUDENT REC TITLE:** Computer Graphics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Covers raster graphics algorithms, geometric primitives and their attributes, clipping, antialiasing, geometric transformations, structures and hierarchical models, input devices, and interactive techniques. Students develop interrelated programs to design a 3-D hierarchical model, manipulate, and view it. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 600 and (MTH 253 or MTH 255) QTR EQUIV: CEG 676
	VERSION: REV **COURSE:** CEG6500 - Computer Graphics **STUDENT REC TITLE:** Computer Graphics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Raster graphics algorithms, geometric primitives and their attributes, clipping, antialiasing, geometric transformations, structures and hierarchical models, input devices, and interactive techniques. Students develop interrelated programs to design a three-dimensional hierarchical model, manipulate, and view it. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr SEM PREREQ: CS 3100 or CS 5100 and MTH 2530 XLIST: CEG 4500 QTR PREREQ: Graduate level CS 600 and (MTH 253 or MTH 255) QTR EQUIV: CEG 676

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3289 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 5/18/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG679 - Computer Animation **STUDENT REC TITLE:** Computer Animation **EFFECTIVE:** Fall 2010 **COURSE DESC:** Covers transformations, interpolation, morphing, camera control, hierarchical kinematic modeling, rigid-body animation, controlling groups of objects, collision detection, image-based rendering. Students develop three programs and a final project relating to animation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 676 QTR EQUIV: CEG 679
	VERSION: REV **COURSE:** CEG6510 - 3-D Modeling and Computer Animation **STUDENT REC TITLE:** 3D Modeling/Animation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers transformations, interpolation, morphing, camera control, hierarchical kinematic modeling, rigid-body animation, controlling groups of objects, collision detection, image-based rendering. Students develop three programs and a final project relating to animation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr SEM PREREQ: CEG 4500 or CEG 6500 XLIST: CEG 4510 QTR PREREQ: CEG 676 QTR EQUIV: CEG 679

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3290 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 5/18/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG681 - Scientific Visualization & Virtual Environment **STUDENT REC TITLE:** SCI VIS AND VIRT ENV **EFFECTIVE:** Fall 2010 **COURSE DESC:** Covers various visualization approaches for different data types. These visualization approaches are discussed using real-world data sets. Different usage modalities will be discussed, including non-traditional input devices and display types. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: (CEG 476 or MTH 476) QTR EQUIV: CEG 681
	VERSION: REV **COURSE:** CEG6520 - Scientific Visualization **STUDENT REC TITLE:** Sci Vis and Virt Env **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers various visualization approaches for different data types. These visualization approaches are discussed using real-world data sets. Different usage modalities will be discussed, including non-traditional input devices and display types. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: CEG 4500 or CEG 6500 XLIST: CEG 4520 QTR PREREQ: (CEG 476 or MTH 476) QTR EQUIV: CEG 681

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5712 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG699 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Selected topics in computer engineering. Topics vary. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 699
	VERSION: REV **COURSE:** CEG6905 - Technology-Based Ventures **STUDENT REC TITLE:** Tech-Based Ventures **EFFECTIVE:** Fall 2012 **COURSE DESC:** Technology-based ventures. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CEG 699

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5713 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG795 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Winter 2011 **COURSE DESC:** Special problems in advanced computer engineering topics. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 795
	VERSION: REV **COURSE:** CEG6970 - Independent Study in Computer Engineering **STUDENT REC TITLE:** Independent Study in CEG **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in computer engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CEG 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1920 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG702 - Advanced Computer Networks **STUDENT REC TITLE:** Advanced Computer Networks **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course provides an in-depth examination of the fundamental concepts and principles in communications and computer networks. Topics include: queuing analysis, ATM, frame relay, performance analysis of routings, and flow and congestion controls. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CEG 602 QTR EQUIV: CEG 702
	VERSION: REV **COURSE:** CEG7450 - Advanced Computer Networks **STUDENT REC TITLE:** Adv. Comp. Networks **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an in-depth coverage of advanced computer network architecture, communication and networking technologies. Topics include: Quality of service networking architecture (IntServ, DiffServ, RSVP, Core state-less), packet scheduling, quality of service routing, congestion control, multicast, delay tolerant networking, inter-planetary networking, self-similar traffic analysis, network calculus, overlay networks, peer-to-peer networks, and network security. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4400 or CEG 6400 QTR PREREQ: Graduate level CEG 602 QTR EQUIV: CEG 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3727 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 6/10/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG720 - Computer Architecture **STUDENT REC TITLE:** Computer Architecture **EFFECTIVE:** Fall 2010 **COURSE DESC:** Review of sequential computer architecture and study of parallel computers. Topics include memory hierarchy, reduced instruction set computer, pipeline processing, multiprocessing, various parallel computers, interconnection networks, and fault-tolerant computing. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 633 QTR EQUIV: CEG 720
	VERSION: REV **COURSE:** CEG7350 - Computer Architecture **STUDENT REC TITLE:** Computer Architecture **EFFECTIVE:** Fall 2012 **COURSE DESC:** Review of sequential computer architectures and study of parallel computer architectures. Topics include instruction-level parallelism, multiprocessor systems, memory hierarchy, pipeline processing, and interconnection networks. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4350 or CEG 6350 QTR PREREQ: CEG 633 QTR EQUIV: CEG 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8372 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** REV **COURSE:** CEG7200 - Information Security **STUDENT REC TITLE:** Information Security **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course gives a comprehensive study of security vulnerabilities in information systems and the basic techniques for developing secure applications and practicing safe computing. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: College of EGR & Computer Science, Graduate Student Status SEM PREREQ: CEG 5310

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1516 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/6/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG724 - Computer Vision I **STUDENT REC TITLE:** Computer Vision I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of the image formation process, binary images, edge detection and image segmentation, representation of 2-D and 3-D shapes, image features, image matching, object recognition, texture analysis, line-drawing interpretation, and model-based vision. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: CURR **COURSE:** CEG725 - Computer Vision II **STUDENT REC TITLE:** Computer Vision II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of: stereo vision; shape from shading and photometric stereo; shape from texture; motion analysis and optical flow; camera calibration; projective geometry; geometric invariance; dynamic vision; analysis of multispectral images; analysis of volumetric images. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** CEG7550 - Computer Vision **STUDENT REC TITLE:** Computer Vision **EFFECTIVE:** Fall 2012 **COURSE DESC:** Algorithms for low- and mid-level vision, including noise filtering, edge detection, image segmentation, texture analysis, feature extraction, stereo depth perception, camera calibration, 3-D reconstruction, shape from shading **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1517 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/6/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG726 - Pattern Recogntion **STUDENT REC TITLE:** Pattern Recognition **EFFECTIVE:** Winter 2010 **COURSE DESC:** Bayesian Decision Theory, unsupervised learning and clustering, structural pattern recognition, synatactic pattern recogntion. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: CEG 726
	VERSION: REV **COURSE:** CEG7570 - Pattern Recognition **STUDENT REC TITLE:** Pattern Recognition **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised and unsupervised classification are covered, including feature extraction, feature selection, distance measures, sequential clustering, hierarchical clustering, Bayesian decision theory, parameter estimation, and applications of pattern recognition **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: CEG 726

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1911 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG730 - Distributed Computing Principles **STUDENT REC TITLE:** Distr Comp Principles **EFFECTIVE:** Spring 2010 **COURSE DESC:** Communicating sequential processes, clients and servers, remote procedure calls, stub generation, weak and strong semaphones, split-binary semaphores, and distributed termination. Example languages: SR, Linda. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CEG 633 QTR EQUIV: CEG 730
	VERSION: REV **COURSE:** CEG7370 - Distributed Computing **STUDENT REC TITLE:** Distributed Computing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Semaphores: weak and strong, split-binary, distributed. Distributed Algorithms. Communicating sequential processes. Distributed Tuple Space. Clients and servers, RPC, RMI, Hadoop. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4350 or CEG 6350 QTR PREREQ: Graduate level CEG 633 QTR EQUIV: CEG 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1515 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/6/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG750 - Microprocessors **STUDENT REC TITLE:** Microprocessors **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of microprocessors and the use of microprocessors in digital systems. Fundamentals of microprocessor software, assembly-level programming for micro-processor applications, memory and interface considerations, and systems employing microprocessors. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 453 QTR EQUIV: CEG 751
	VERSION: CURR **COURSE:** CEG751 - Microprocessors II **STUDENT REC TITLE:** Microprocessors II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Interaction of microprocessors and the outside world. Data acquisition and real-time control. Bus interfacing and direct memory access. Multiple processor environment and distributed processing. Small real-time operating systems. Project management. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 453 QTR EQUIV: CEG 751
	VERSION: REV **COURSE:** CEG7360 - Embedded Systems **STUDENT REC TITLE:** Embedded Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study special-purpose computing systems. Topics include system architecture, embedded processors, field programmable gate arrays, hardware software co-design, real-time scheduling, and real-time operating systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1515 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/6/10 **APPROVED:** 8/30/10 WorkFlow	Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 3320 or CEG 5320 QTR PREREQ: CEG 453 QTR EQUIV: CEG 751

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7980 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 8/17/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** CEG7380 - Cloud Computing **STUDENT REC TITLE:** Cloud Computing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will learn the major concepts in cloud computing and large-scale data intensive parallel processing. They will learn to use existing cloud computing platforms (e.g., Amazon EC2) to solve large-scale data intensive problems. They will also learn to program with large-scale parallel processing methods (e.g., mapreduce). **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 5100 and CEG 6350 QTR PREREQ: Graduate level CS 600 and CEG 633 QTR EQUIV: CEG 699

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3093 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 5/7/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG739 - Medical Image Analysis **STUDENT REC TITLE:** Medical Image Analysis **EFFECTIVE:** Fall 2010 **COURSE DESC:** Topics of 2-D and 3-D image segmentation and registration; 2-D and 3-D feature selection; validation methods; and analysis of cardiac, vascular, pulmonary, and mammographic images are covered. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 724 or BME 734 QTR EQUIV: CEG 739
	VERSION: REV **COURSE:** CEG7590 - Medical Image Analysis and Visualization **STUDENT REC TITLE:** Medical Image Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics of 2-D and 3-D image segmentation and registration; 2-D and 3-D feature selection; validation methods; and visualization techniques for volumetric medical images are covered. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4500 or CEG 6500 QTR PREREQ: CEG 724 or BME 734 QTR EQUIV: CEG 739

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8367 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** REV **COURSE:** CEG7420 - Host Computer Security II **STUDENT REC TITLE:** Host Comp Security II **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course continues the security hardening of CEG7420. It describes detection and removal of malware, and proper configuration and hardening of Linux and Windows. Topics covered include: Chroot jails, Weaknesses in wireless protocols such as WEP, WPA2. VPN, Design of Firewalls. Penetration testing, auditing, and Ethics. Lab work uses software such as Snort, and BackTrack Linux. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: College of Egr & Computer Science. Must be graduate student SEM PREREQ: CEG 6420

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1933 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CEG770 - Computer Engineering Mathematics **STUDENT REC TITLE:** Computer Engineering Math **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to computer arithmetic algorithms, systems theory, linear and nonlinear programming, and optimization theory for computer engineering applications. In addition to mathematical theory, appropriate engineering applications are presented. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 402
	VERSION: CURR **COURSE:** CS790 - Selected Topics in Computer Science **STUDENT REC TITLE:** Selected Topics Comp Sci: **EFFECTIVE:** Spring 2010 **COURSE DESC:** Lectures on and study of selected topics in current research and recent developments in computer science. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 402
	VERSION: REV **COURSE:** CEG7470 - Advanced Wireless Networks **STUDENT REC TITLE:** Adv. Wireless Networks **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced topics in Wireless Networking and Mobile Computing, including: queueing system analysis, network theory, multimedia coding and networking, emerging wireless and mobile technologies. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CEG 4400 or CEG 6400 SPC FEE: Egr&Comp Science Fee (1600), $90

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1933 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 8/30/10 WorkFlow	QTR PREREQ: CEG 402

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8368 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** REV **COURSE:** CEG7560 - Visualization & Image Processing for Cyber Security **STUDENT REC TITLE:** Visual & Image Process **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course will teach students visualization concepts and principles without requiring computer graphics specific knowledge. Similarly, basic image processing techniques will be covered relevant for cyber security, including segmentation and tracking techniques. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: College of EGR and Computer Science. Must be graduate student SEM PREREQ: CS 5100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5729 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Winter 2011 **COURSE DESC:** A student must be registered at the graduate level in the quarter in which the degree is granted, or in any quarter in which the program is affording some service, such as giving an examination, reading a thesis, or giving advise on the thesis after completion of all other requirements of coursework and research. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 789
	VERSION: REV **COURSE:** CEG8980 - Continuing Registration in Computer Engineering **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** A student must be registered at the graduate level in the quarter in which the degree is granted, or in any term in which the program is affording some service, such as giving an examination, reading a thesis, or giving advice on the thesis after completion of all other requirements of coursework and research. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CEG 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5714 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG790 - Selected Topics in Computer Engineering **STUDENT REC TITLE:** Selected Topics Comp Egr **EFFECTIVE:** Winter 2011 **COURSE DESC:** Lectures on and study of selected topics in current research and recent developments in computer engineering. May be taken for letter grade or pass/unsatisfactory. Titles vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 790
	VERSION: REV **COURSE:** CEG7900 - Selected Topics in Computer Engineering **STUDENT REC TITLE:** Selected Topics in CEG **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in computer engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CEG 790

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5715 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG795 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Winter 2011 **COURSE DESC:** Special problems in advanced computer engineering topics. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 795
	VERSION: REV **COURSE:** CEG7920 - Independent Study in Computer Engineering **STUDENT REC TITLE:** Independent Study in CEG **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in computer engineering **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CEG 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5716 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG799 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Winter 2011 **COURSE DESC:** Grade pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 799
	VERSION: REV **COURSE:** CEG7950 - Master's Thesis Research in Computer Engineering **STUDENT REC TITLE:** MSCEG Thesis Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Master's thesis research in computer engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CEG 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5718 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG890 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Selected topics in computer science and engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 890
	VERSION: REV **COURSE:** CEG8900 - Selected Topics in Computer Engineering **STUDENT REC TITLE:** Selected Topics in CEG **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in computer engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CEG 890

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5719 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG891 - PhD Seminar **STUDENT REC TITLE:** PhD Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** Registration in the Ph.D. seminar is required of all students seeking the Ph.D. in computer science and engineering. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 891
	VERSION: REV **COURSE:** CEG8910 - PhD Seminar in Computer Engineering **STUDENT REC TITLE:** PhD Seminar in CEG **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar discussion of current research in computer engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CEG 891

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5723 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG892 - PHD Qualifying Exam **STUDENT REC TITLE:** PHD Qualifying Exam **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examination that tests understanding of the fundamentals necessary to begin concentrated study in a chosen Ph.D. research area. Composed of written tests and an oral exam. Must be passed within two attempts. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 892
	VERSION: REV **COURSE:** CEG8930 - PhD Qualifying Exam **STUDENT REC TITLE:** PhD Qualifying Exam **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination that tests understanding of the fundamentals necessary to begin concentrated study in a chosen Ph.D. research area. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CEG 892

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5720 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG895 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Winter 2011 **COURSE DESC:** Independent study in a chosen area for Ph.D. research. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 895
	VERSION: REV **COURSE:** CEG8920 - Independent Study in Computer Engineering **STUDENT REC TITLE:** Independent Study in CEG **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in computer engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CEG 895

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5725 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/17/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG894 - Candidacy Exam **STUDENT REC TITLE:** Candidacy Exam **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examination that tests for depth and understanding in a chosen computer science and computer engineering research area. Includes a written proposal for a Ph.D. topic and an oral examination that is open to the public. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 894
	VERSION: REV **COURSE:** CEG8960 - PhD Candidacy Exam **STUDENT REC TITLE:** PhD Candidacy Exam **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination that tests for depth and understanding in a chosen computer engineering research area. Includes a written proposal for a Ph.D. topic and an oral examination that is open to the public. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CEG 894

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5724 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG897 - Residency Research **STUDENT REC TITLE:** Residency Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** Research on the Ph.D. dissertation topic taken in residence. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 897
	VERSION: REV **COURSE:** CEG8940 - Residency Research in Computer Engineering **STUDENT REC TITLE:** Residency Research - CEG **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research on the Ph.D. dissertation topic taken in residence. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CEG 897

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5726 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG898 - Dissertation Research **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** Research on the Ph.D. dissertation topic not taken in residence. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 898
	VERSION: REV **COURSE:** CEG8950 - Dissertation Research in Computer Engineering **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research on the Ph.D. dissertation topic. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CEG 898

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5728 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/29/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CEG896 - Dissertation Defense **STUDENT REC TITLE:** Dissertation Defense **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examination on the Ph.D. dissertation. The written dissertation is submitted and must be successfully defended in the oral exam conducted by the dissertation committee. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CEG 896
	VERSION: REV **COURSE:** CEG8990 - Dissertation Defense **STUDENT REC TITLE:** Dissertation Defense **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination on the Ph.D. dissertation. The written dissertation is submitted and must be successfully defended in the oral exam conducted by the dissertation committee. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CEG 896

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6771 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 12/30/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM512 - Quantitative Analysis **STUDENT REC TITLE:** Quantitative Analysis **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduction to chemical methods of analysis covering traditional as well as modern techniques and equipment; emphasis on calculations and interpretation of analytical data. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 123 and CHM 127 QTR EQUIV: CHM 512
	VERSION: REV **COURSE:** CHM5120 - Quantitative Analysis **STUDENT REC TITLE:** Quantitative Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to chemical methods of analysis covering traditional as well as modern techniques and equipment; emphasis on calculations and interpretation of analytical data. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 1220 and CHM 1220L or equivalent COREQ: CHM 5120L XLIST: CHM 3120 QTR PREREQ: CHM 123 and CHM 127 QTR EQUIV: CHM 512

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7471 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 2/18/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM514 - Quantitative Analysis Laboratory **STUDENT REC TITLE:** Quantitative Analysis Lab **EFFECTIVE:** Spring 2011 **COURSE DESC:** Experimental methods of analysis. Practical applications of the lecture material presented in CHM 512. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 123 and CHM 127 QTR EQUIV: CHM 514
	VERSION: REV **COURSE:** CHM5120L - Quantitative Analysis Laboratory **STUDENT REC TITLE:** Quant Analysis Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Experimental methods of analysis. Practical applications of the lecture material presented in CHM 5120. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (CHM 1220 and CHM 1220L) or equivalent COREQ: CHM 5120 XLIST: CHM 3120L QTR PREREQ: CHM 123 and CHM 127 QTR EQUIV: CHM 514

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5064 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 9/14/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM520 - Inorganic Chemistry **STUDENT REC TITLE:** Adv Inorganic Chemistry I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Principles and concepts of inorganic chemistry, including the periodic table, atomic structure, bonding, coordination compounds, and an introduction to group theory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 453 QTR EQUIV: CHM 520
	VERSION: REV **COURSE:** CHM5200 - Inorganic Chemistry **STUDENT REC TITLE:** Adv Inorganic Chem I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles and concepts of inorganic chemistry, including the periodic table, atomic structure, bonding, coordination compounds, and an introduction to group theory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 3520 or CHM 5520 or by permission of instructor XLIST: CHM 4200 QTR PREREQ: CHM 453 QTR EQUIV: CHM 520

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7099 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 1/27/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM521 - Inorganic Chemistry **STUDENT REC TITLE:** Inorganic Chemistry **EFFECTIVE:** Spring 2011 **COURSE DESC:** A thorough examination of the chemistry of the metals stressing the transition elements, ligand field theory and mechanisms of inorganic reactions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level CHM 520 QTR EQUIV: CHM 521
	VERSION: REV **COURSE:** CHM5210 - Inorganic Chemistry **STUDENT REC TITLE:** Inorganic Chemistry **EFFECTIVE:** Fall 2012 **COURSE DESC:** A thorough examination of the chemistry of the metals stressing the transition elements, ligand field theory and mechanisms of inorganic reactions. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Undergraduate level CHM 4200 or Graduate level CHM 5200 XLIST: CHM 4210 QTR PREREQ: Graduate level CHM 520 QTR EQUIV: CHM 521

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7103 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 1/27/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM525 - Advanced Inorganic Synthesis and Characterization **STUDENT REC TITLE:** Adv Inorg Syn & Charact **EFFECTIVE:** Spring 2011 **COURSE DESC:** Advanced synthesis and characterization of representative inorganic compounds. 1 hour lecture, 4 hour lab. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 417 and CHM 420 QTR EQUIV: CHM 525
	VERSION: REV **COURSE:** CHM5250L - Advanced Inorganic Synthesis and Characterization **STUDENT REC TITLE:** Adv Inorg Syn & Charact **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced synthesis and characterization of representative inorganic compounds. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Recitation REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Undergraduate CHM 4200 or Graduate 5200 COREQ: CHM 5210 XLIST: CHM 4250L QTR PREREQ: CHM 417 and CHM 420 QTR EQUIV: CHM 525

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3382 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 5/20/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM535 - Instrumental Analysis **STUDENT REC TITLE:** Instrumental Analysis **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the theory and practice of modern chemical instrumentation. Topics include elementary electronics, spectrophotometry, atomic absorption, electrochemical techniques, chromatography, and other instrumental techniques. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 452 and CHM 312 QTR EQUIV: CHM 535
	VERSION: REV **COURSE:** CHM5350 - Instrumental Analysis **STUDENT REC TITLE:** Instrumental Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the theory and practice of modern chemical instrumentation. Topics include elementary electronics, spectrophotometry, atomic absorption, electrochemical techniques, chromatography, and other instrumental techniques. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 3520 COREQ: CHM 5350L XLIST: CHM 4350 QTR PREREQ: CHM 452 and CHM 312 QTR EQUIV: CHM 535

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7348 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 2/7/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM536 - Instrumental Analysis Laboratory **STUDENT REC TITLE:** Instrumental Analysis Lab **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduction to experimental instrumental analysis. Practical experience in the operation of chemical instrumentation; emphasizes applications of the material presented in CHM 535. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 452 and CHM 312 QTR EQUIV: CHM 536
	VERSION: REV **COURSE:** CHM5350L - Instrumental Analysis Laboratory **STUDENT REC TITLE:** Instr Analysis Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to experimental instrumental analysis. Practical experience in the operation of chemical instrumentation; emphasizes applications of the material presented in CHM 535. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (Undergraduate level CHM 3120, CHM 3120L, MTH 2320, PHY2401, PHY 2401L) or (Graduate level CHM 5120 and CHM 5120L) COREQ: CHM 5350 XLIST: CHM 4350L QTR PREREQ: CHM 452 and CHM 312 QTR EQUIV: CHM 536

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
6777 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 12/30/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM551 - Physical Chemistry **STUDENT REC TITLE:** Physical Chemistry **EFFECTIVE:** Winter 2011 **COURSE DESC:** Theoretical aspects of chemistry including thermodynamics, chemical kinetics, molecular structure and spectra, and the structure of solids and liquids. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: (CHM 123 and CHM 127) and MTH 231 and (PHY 242 or PHY 113)
	VERSION: REV **COURSE:** CHM5510 - Physical Chemistry I **STUDENT REC TITLE:** Physical Chemistry I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical aspects of chemistry including thermodynamics, chemical kinetics, molecular structure and spectra, and the structure of solids and liquids. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (CHM 1220 and CHM 1220L) and MTH 2320 and (PHY 2401 and PHY 2401L) COREQ: CHM 5510L XLIST: CHM 3510 QTR PREREQ: (CHM 123 and CHM 127) and MTH 231 and (PHY 242 or PHY 113)

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
6775 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 12/30/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM557 - Physical Chemistry Laboratory I **STUDENT REC TITLE:** Physical Chemistry Lab I **EFFECTIVE:** Winter 2011 **COURSE DESC:** Experimental methods of physical chemistry. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: (CHM 312 or Graduate level CHM 512) and (CHM 314 or Graduate level CHM 514) QTR EQUIV: CHM 557
	VERSION: REV **COURSE:** CHM5510L - Physical Chemistry Laboratory I **STUDENT REC TITLE:** Physical Chemistry Lab I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Experimental methods of physical chemistry. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Recitation REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (CHM 3120 or Graduate level CHM 5120) and (CHM 3120L or Graduate level CHM 5120L) COREQ: CHM 5510 XLIST: CHM 3510L QTR PREREQ: (CHM 312 or Graduate level CHM 512) and (CHM 314 or Graduate level CHM 514) QTR EQUIV: CHM 557

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
6776 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 12/30/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM552 - Physical Chemistry **STUDENT REC TITLE:** Physical Chemistry **EFFECTIVE:** Winter 2011 **COURSE DESC:** Theoretical aspects of chemistry including thermodynamics, chemical kinetics, molecular structure and spectra, and the structure of solids and liquids. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level CHM 551
	VERSION: REV **COURSE:** CHM5520 - Physical Chemistry II **STUDENT REC TITLE:** Physical Chemistry II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical aspects of chemistry including thermodynamics, chemical kinetics, molecular structure and spectra, and the structure of solids and liquids. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 3510 or CHM 5510 COREQ: CHM 5520L XLIST: CHM 3520 QTR PREREQ: Graduate level CHM 551

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7473 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 2/18/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM558 - Physical Chemistry Laboratory II **STUDENT REC TITLE:** Physical Chemistry Lab II **EFFECTIVE:** Spring 2011 **COURSE DESC:** Experimental methods of physical chemistry. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level CHM 557 QTR EQUIV: CHM 558
	VERSION: REV **COURSE:** CHM5520L - Physical Chemistry Laboratory II **STUDENT REC TITLE:** Physical Chem Lab II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Experimental methods of physical chemistry. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Recitation REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 3510L or CHM 5510L COREQ: CHM 5520 XLIST: CHM 3520L QTR PREREQ: Graduate level CHM 557 QTR EQUIV: CHM 558

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7474 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 2/18/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM556 - Physical Chemistry for Nonchemists **STUDENT REC TITLE:** Physical Chemistry **EFFECTIVE:** Spring 2011 **COURSE DESC:** An introduction for nonchemistry majors to the ideas of physical chemistry, including thermodynamics, properties of liquids and solids, solution properties, and kinetics. Intended for biologists, geologists, physicists, premedical students and others with an interest in physical chemistry. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate May not be enrolled in one of the following Majors: Chemistry QTR EQUIV: CHM 556
	VERSION: REV **COURSE:** CHM5560 - Physical Chemistry for Life Sciences **STUDENT REC TITLE:** Physical Chem Life Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to physical chemistry, including thermodynamics, properties of liquids and solids, solution properties, and kinetics. Intended for biologists, premedical students and others with an interest in physical chemistry. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level SEM PREREQ: (CHM 1220 and CHM1220L or equivalent) and (MTH 2310 or equivalent) and ((PHY 2401 and PHY2401L) or (PHY 1112 and PHY1112L) or equivalent) COREQ: CHM 3510L XLIST: CHM 3560 QTR EQUIV: CHM 556

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4523 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 8/18/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM588 - Independent Reading **STUDENT REC TITLE:** Independent Reading **EFFECTIVE:** Fall 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 588
	VERSION: REV **COURSE:** CHM5880 - Independent Reading **STUDENT REC TITLE:** Independent Reading **EFFECTIVE:** Fall 2012 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 588

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4524 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 8/18/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM599 - Special Problems in Chemistry **STUDENT REC TITLE:** Special Problems in Chem **EFFECTIVE:** Fall 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 599
	VERSION: REV **COURSE:** CHM5990 - Special Problems in Chemistry **STUDENT REC TITLE:** Special Problems in Chem **EFFECTIVE:** Fall 2012 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3213 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 5/12/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM602 - Advanced Environmental Chemistry and Analysis **STUDENT REC TITLE:** Adv Environ Chm & Analy **EFFECTIVE:** Fall 2010 **COURSE DESC:** Environmental sampling and analysis using instrumental techniques. Chemical fate prediction by measurement and examination of physical and chemical properties. 3 hours lecture, 3 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: (CHM 312 or Graduate level CHM 512) and (CHM 314 or Graduate level CHM 514) and CHM 213 QTR EQUIV: CHM 602
	VERSION: REV **COURSE:** CHM6020 - Advanced Environmental Chemistry and Analysis **STUDENT REC TITLE:** Adv Environ Chm & Analy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Environmental sampling and analysis using instrumental techniques. Chemical fate prediction by measurement and examination of physical and chemical properties. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (CHM 3120 or Graduate level CHM 5120) and (CHM 3120L or Graduate level CHM 5120L) and CHM 2120 XLIST: CHM 4020 QTR PREREQ: (CHM 312 or Graduate level CHM 512) and (CHM 314 or Graduate level CHM 514) and CHM 213 QTR EQUIV: CHM 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5072 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 9/14/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM617 - Applied Chemical Spectroscopy **STUDENT REC TITLE:** Applied Chemical Spectro **EFFECTIVE:** Fall 2010 **COURSE DESC:** Practical applications of various spectrophotometral techniques (mass spectroscopy, infrared spectroscopy, ultraviolet spectroscopy, and nuclear magnetic resonance) are integrated for the explanation of the structure of organic molecules. A problem-solving approach is used. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 213 and (CHM 312 or Graduate level CHM 512) and (CHM 452 or Graduate level CHM 552)
	VERSION: REV **COURSE:** CHM6170 - Applied Chemical Spectroscopy **STUDENT REC TITLE:** Applied Chemical Spectro **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical applications of various spectrophotometral techniques (mass spectroscopy, infrared spectroscopy, ultraviolet spectroscopy, and nuclear magnetic resonance) are integrated for the explanation of the structure of organic molecules. A problem-solving approach is used. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: CHM 4170 QTR PREREQ: CHM 213 and (CHM 312 or Graduate level CHM 512) and (CHM 452 or Graduate level CHM 552)

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7343 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM637 - Electroanalytical Chemistry **STUDENT REC TITLE:** Electroanalytical Chem **EFFECTIVE:** Spring 2011 **COURSE DESC:** Fundamental principles of electrochemistry and the application of electrochemical methods to chemistry and chemical analysis. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 312 or Graduate level CHM 512 QTR EQUIV: CHM 637
	VERSION: REV **COURSE:** CHM6370 - Electroanalytical Chemistry **STUDENT REC TITLE:** Electroanalytical Chem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamental principles of electrochemistry and the application of electrochemical methods to chemistry and chemical analysis. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (Undergraduate level CHM 3120 and CHM 3120L) or (Graduate level CHM 5120 and CHM 5120L) XLIST: CHM 4370 QTR PREREQ: CHM 312 or Graduate level CHM 512 QTR EQUIV: CHM 637

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6768 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 12/30/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM645 - Concepts in Chemistry for MST Students **STUDENT REC TITLE:** Concepts in Chem - MST **EFFECTIVE:** Winter 2011 **COURSE DESC:** Basic fundamental concerns of chemistry for early childhood education majors. Those concrete observable topics most appropriate for early childhood education minors will be emphasized. Course includes an in-depth study of heat and temperature. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Must be enrolled in one of the following Majors: Education and Human Services Education Leadership Education Specialist QTR EQUIV: CHM 645
	VERSION: REV **COURSE:** CHM6450 - Concepts in Chemistry for MST Students **STUDENT REC TITLE:** Concepts in Chem - MST **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basic fundamental concerns of chemistry for early childhood education majors. Those concrete observable topics most appropriate for early childhood education minors will be emphasized. Course includes an in-depth study of heat and temperature. **COLLEGE:** College of Science & Math **CRED HR:** 3.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Must be enrolled in one of the following Majors: Education and Human Services Education Leadership Education Specialist SEM PREREQ: MTH 1430 or equivalent XLIST: CHM 2450 QTR EQUIV: CHM 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8651 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/12/12 **APPROVED:** 4/16/12 WorkFlow	**VERSION:** CURR **COURSE:** CHM6450 - Concepts in Chemistry for MST Students **STUDENT REC TITLE:** Concepts in Chem - MST **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basic fundamental concerns of chemistry for early childhood education majors. Those concrete observable topics most appropriate for early childhood education minors will be emphasized. Course includes an in-depth study of heat and temperature. **COLLEGE:** College of Science & Math **CRED HR:** 3.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Must be enrolled in one of the following Majors: Education Leadership QTR EQUIV: CHM 645
	VERSION: REV **COURSE:** CHM6450 - Concepts in Chemistry I for Early and Middle Childhood Education **STUDENT REC TITLE:** Concepts Chem I ECE/MCE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basic fundamental concerns of chemistry for early childhood education majors. Those concrete observable topics most appropriate for early childhood education minors will be emphasized. Course includes an in-depth study of heat and temperature. **COLLEGE:** College of Science & Math **CRED HR:** 3.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Must be enrolled in one of the following Majors: Education Leadership SEM PREREQ: MTH 1430 QTR EQUIV: CHM 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3391 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 5/20/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM650 - Concepts in Chemistry II **STUDENT REC TITLE:** Concepts in Chemistry II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Concepts in chemistry II is for graduate students in middle childhood science education (MST Program). Course includes detailed study of chemical reactions, kinetics, environmental issues, acids/bases, and nuclear chemistry. Portfolio development will be utilized for students to learn the development of inquiry activities for the classroom. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Education and Human Services Education Leadership Education Specialist QTR EQUIV: CHM 650
	VERSION: REV **COURSE:** CHM6500 - Concepts in Chemistry II **STUDENT REC TITLE:** Concepts in Chemistry II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts in chemistry II is for graduate students in middle childhood science education (MST Program). Course includes detailed study of chemical reactions, kinetics, environmental issues, acids/bases, and nuclear chemistry. Portfolio development will be utilized for students to learn the development of inquiry activities for the classroom. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Education and Human Services Education Leadership Education Specialist SEM PREREQ: MTH 2430 and PHY 2460 XLIST: CHM 3460 QTR EQUIV: CHM 650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8652 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/12/12 **APPROVED:** 4/16/12 WorkFlow	**VERSION:** CURR **COURSE:** CHM6500 - Concepts in Chemistry II **STUDENT REC TITLE:** Concepts in Chemistry II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts in chemistry II is for graduate students in middle childhood science education (MST Program). Course includes detailed study of chemical reactions, kinetics, environmental issues, acids/bases, and nuclear chemistry. Portfolio development will be utilized for students to learn the development of inquiry activities for the classroom. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Education Specialist - EDS May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Education and Human Services Education Leadership Education Specialist QTR EQUIV: CHM 650
	VERSION: REV **COURSE:** CHM6500 - Concepts in Chemistry II for Middle Childhood Education **STUDENT REC TITLE:** Concepts Chem II MCE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts in chemistry II is for graduate students in middle childhood science education (MST Program). Course includes detailed study of chemical reactions, kinetics, environmental issues, acids/bases, and nuclear chemistry. Portfolio development will be utilized for students to learn the development of inquiry activities for the classroom. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Education Specialist - EDS May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Education and Human Services Education Leadership Education Specialist SEM PREREQ: MTH 2430 and PHY 2460 QTR EQUIV: CHM 650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7475 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 2/18/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** CHM6550 - Chemical Microscopy with Applications **STUDENT REC TITLE:** Chem Microscopy with App **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of microscopy instrumentation and its applications to the study of surface and interface chemistry. The course will cover fundamentals of instrumentation design and methods. Topics will focus on scanning probe microscopy and its applications, particularly to solid-fluid interfaces. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3374 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 5/20/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM661 - Synthetic Polymer Chemistry **STUDENT REC TITLE:** Synthetic Polymer Chm **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as BMS 726.) Step-growth and chain-growth polymerization in homogeneous and heterogeneous media; properties of commercial polymers. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: (CHM 213 and CHM 451) or (CHM 213 and Graduate level CHM 551) or CHM 361 QTR EQUIV: CHM 661
	VERSION: REV **COURSE:** CHM6610 - Synthetic Polymer Chemistry **STUDENT REC TITLE:** Synthetic Polymer Chm **EFFECTIVE:** Fall 2012 **COURSE DESC:** Step-growth and chain-growth polymerization in homogeneous and heterogeneous media; properties of commercial polymers. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 2120 XLIST: CHM 4610 QTR PREREQ: (CHM 213 and CHM 451) or (CHM 213 and Graduate level CHM 551) or CHM 361 QTR EQUIV: CHM 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5074 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 9/14/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM665 - Physical Polymer Chemistry **STUDENT REC TITLE:** Physical Polymer Chm **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as BMS 725.) Introduction to the structural and physical aspects of macromolecules; emphasis on the relationship of polymer structure to physical and mechanical properties. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: (CHM 213 and CHM 451) or (CHM 213 and Graduate level CHM 551) or CHM 361 QTR EQUIV: CHM 665
	VERSION: REV **COURSE:** CHM6650 - Physical Polymer Chemistry **STUDENT REC TITLE:** Physical Polymer Chm **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the structural and physical aspects of macromolecules; emphasis on the relationship of polymer structure to physical and mechanical properties. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (CHM 2120 and CHM 3510) or (CHM 2120 and Graduate level CHM 5510) or permission of instructor XLIST: CHM 4650 QTR PREREQ: (CHM 213 and CHM 451) or (CHM 213 and Graduate level CHM 551) or CHM 361 QTR EQUIV: CHM 665

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8427 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 2/6/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** REV **COURSE:** CHM6680 - Experimental Nanomaterials and Nanoscience **STUDENT REC TITLE:** Exp Nanomaterials **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will provide a series of laboratory experiments similar to the state-of-the-art R&D in nanotechnology and nanoscience. The experiments include 1) fabrication of nanomaterials such as metal nanoparticles and graphene nanoplatelets; 2) characterization of physical and chemical properties by using techniques such as Raman spectroscopy, atomic force microscopy, terahertz spectroscopy, electrochemical analyses etc; and 3) computational modeling of nanoscale physical phenomena. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level; Students must be enrolled in the College of Science and Mathematics or College of Engineering and Computer Science SEM PREREQ: CHM 1210 and CHM 1210L or equivalent; PHY 1120 and PHY 1120 L or PHY 2410 and PHY2410L or equivalent XLIST: ME 6680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5077 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 9/14/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM672 - Crystal Struct Analysis I **STUDENT REC TITLE:** Crystal Struct Analysis I **EFFECTIVE:** Fall 2010 **COURSE DESC:** More advanced methods of crystal analysis. Basic crystallographic computations. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 672
	VERSION: REV **COURSE:** CHM6720 - Chemical Crystallography **STUDENT REC TITLE:** Chemical Crystallography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Methodology and techniques in the determination of crystal and molecular structures using single-crystal x-ray diffraction. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 3520 or graduate level CHM 5520 or permission of instructor XLIST: CHM 4720 QTR EQUIV: CHM 672

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7570 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/4/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** REV **COURSE:** CHM6880 - Independent Reading in Chemistry **STUDENT REC TITLE:** Ind Reading in Chemistry **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected Readings in Chemistry **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 XLIST: CHM 4880

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7470 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 2/18/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** CHM6900 - Critical Literature Analysis **STUDENT REC TITLE:** Critical Lit Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** For the development of a set of critical thinking skills that will allow for a thorough analysis of current chemical and general scientific literature. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: CHM 4900

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7560 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/2/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM698 - Chemistry for Education Majors **STUDENT REC TITLE:** Chemistry for Ed Majors **EFFECTIVE:** Spring 2011 **COURSE DESC:** Selected topics in chemical education. Directed readings or one-time offerings of topics related to the teaching of chemistry at various levels using different Pedagogical approached. May include summer workshops or institutes. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Education and Human Services QTR EQUIV: CHM 698
	VERSION: REV **COURSE:** CHM6980 - Chemistry for Educators **STUDENT REC TITLE:** Chemistry for Educators **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in chemical education. Directed readings or one-time offerings of topics related to the teaching of chemistry at various levels using different pedagogical approaches. May include summer workshops or institutes. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 5 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Education and Human Services QTR EQUIV: CHM 698

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7559 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/2/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM700 - Principles of Instruction in Chemistry **STUDENT REC TITLE:** Prin Instruction Chem **EFFECTIVE:** Spring 2011 **COURSE DESC:** Survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction. For chemistry majors only. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Chem: Environmental Sciences Chemistry QTR EQUIV: CHM 700
	VERSION: REV **COURSE:** CHM7000 - Principles of Instruction in Chemistry **STUDENT REC TITLE:** Prin Instruction Chem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction. For chemistry majors only. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Chemistry QTR EQUIV: CHM 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7561 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/2/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** REV **COURSE:** CHM7010 - Turning Research into a Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** The collection, organization and description of chemical data for the process of writing a thesis. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7480 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 2/18/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** CHM7020 - Research Perspectives in Chemistry **STUDENT REC TITLE:** Res Perspectives Chem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Lecture/reading course to acquaint new graduate students with the research being carried out by the faculty in the Department of Chemistry. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7646 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM718 - Chemical Processes in the Environment **STUDENT REC TITLE:** Chem Processes in Environ **EFFECTIVE:** Summer 2011 **COURSE DESC:** Skills are developed to predict behavior and movement of chemical contaminants in atmospheric, aquatic, and soil systems. Physical and chemical properties of contaminants and environmental interactions are evaluated to determine their ultimate fate. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: CHM 123 or CHM 213 QTR EQUIV: CHM 718
	VERSION: REV **COURSE:** CHM7180 - Chemical Processes in the Environment **STUDENT REC TITLE:** Chem Process in Environ **EFFECTIVE:** Fall 2012 **COURSE DESC:** Skills are developed to predict behavior and movement of chemical contaminants in atmospheric, aquatic, and soil systems. Physical and chemical properties of contaminants and environmental interactions are evaluated to determine their ultimate fate. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: CHM 2110 and CHM 2110L XLIST: ES 7180 QTR PREREQ: CHM 123 or CHM 213 QTR EQUIV: CHM 718

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7647 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM720 - Advanced Inorganic Chemistry I **STUDENT REC TITLE:** Adv Inorganic Chemistry I **EFFECTIVE:** Summer 2011 **COURSE DESC:** (Also listed as BMS 733.) Study of the modern theories of valence, structural inorganic chemistry, and the chemistry of nonmetals. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 453 QTR EQUIV: CHM 720
	VERSION: REV **COURSE:** CHM7200 - Advanced Inorganic Chemistry I **STUDENT REC TITLE:** Adv Inorganic Chem I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the modern theories of valence, structural inorganic chemistry, and the chemistry of nonmetals. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 3520 or one year of undergraduate physical chemistry XLIST: BMS 7330 QTR PREREQ: CHM 453 QTR EQUIV: CHM 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7648 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM721 - Advanced Inorganic Chemistry II **STUDENT REC TITLE:** Adv Inorganic Chem II **EFFECTIVE:** Summer 2011 **COURSE DESC:** (Also listed as BMS 734.) Thorough examination of the chemistry of metals stressing the transition elements, ligand field theory, and mechanisms of inorganic reactions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level CHM 720 QTR EQUIV: CHM 721
	VERSION: REV **COURSE:** CHM7210 - Advanced Inorganic Chemistry II **STUDENT REC TITLE:** Adv Inorganic Chem II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Thorough examination of the chemistry of metals stressing the transition elements, ligand field theory, and mechanisms of inorganic reactions. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 7200 XLIST: BMS 7340 QTR PREREQ: Graduate level CHM 720 QTR EQUIV: CHM 721

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4525 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 8/18/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM735 - Selected Topics in Analytical Chemistry **STUDENT REC TITLE:** Analytical Chemistry **EFFECTIVE:** Fall 2010 **COURSE DESC:** A selected topic in the field of analytical chemistry such as chromatography, electroanalytical chemistry such as trace analysis, bioanalytical chemistry, advanced instrumental analysis, analytical spectroscopy, or separation methodology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 735
	VERSION: REV **COURSE:** CHM7350 - Selected Topics in Analytical Chemistry **STUDENT REC TITLE:** Analytical Chemistry **EFFECTIVE:** Fall 2012 **COURSE DESC:** A selected topic in the field of analytical chemistry such as chromatography, electroanalytical chemistry such as trace analysis, bioanalytical chemistry, advanced instrumental analysis, analytical spectroscopy, or separation methodology. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 735

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7649 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM744 - Structural Concepts in Organic Chemistry **STUDENT REC TITLE:** Struct Concept Organ Chem **EFFECTIVE:** Summer 2011 **COURSE DESC:** Study of molecular orbital theory, reactive species, theories of acids and bases, and an introduction to stereochemistry. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 213 QTR EQUIV: CHM 744
	VERSION: REV **COURSE:** CHM7440 - Structural Concepts in Organic Chemistry **STUDENT REC TITLE:** Struc Concept Org Chem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of molecular orbital theory, reactive species, theories of acids and bases, and an introduction to stereochemistry. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 2120 or one year of undergraduate organic chemistry XLIST: BMS 7410 QTR PREREQ: CHM 213 QTR EQUIV: CHM 744

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7650 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM746 - Elements of Organic Reactions **STUDENT REC TITLE:** Elements Organic Reaction **EFFECTIVE:** Summer 2011 **COURSE DESC:** Discussion of the more important organic reactions including their scope, limitations, and mechanisms. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 213 QTR EQUIV: CHM 746
	VERSION: REV **COURSE:** CHM7460 - Elements of Organic Reactions **STUDENT REC TITLE:** Elements Org Reaction **EFFECTIVE:** Fall 2012 **COURSE DESC:** Discussion of the more important organic reactions including their scope, limitations, and mechanisms. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 2120 or one year of undergraduate organic chemistry QTR PREREQ: CHM 213 QTR EQUIV: CHM 746

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7651 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM748 - Synthetic Organic Reactions **STUDENT REC TITLE:** Synthetic Organ Reactions **EFFECTIVE:** Summer 2011 **COURSE DESC:** Systematic treatment of organic reactions including, where applicable, some theoretical basis for the nature of the reaction. Emphasis on the uses of these reactions in organic synthesis. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level CHM 746 QTR EQUIV: CHM 748
	VERSION: REV **COURSE:** CHM7480 - Synthetic Organic Reactions **STUDENT REC TITLE:** Syn Org Reactions **EFFECTIVE:** Fall 2012 **COURSE DESC:** Systematic treatment of organic reactions including, where applicable, some theoretical basis for the nature of the reaction. Emphasis on the uses of these reactions in organic synthesis. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 2120 or one year of undergraduate organic chemistry QTR PREREQ: Graduate level CHM 746 QTR EQUIV: CHM 748

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7652 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM750 - Introduction to Quantum Chemistry **STUDENT REC TITLE:** Intro-Quantum Chemistry **EFFECTIVE:** Summer 2011 **COURSE DESC:** Introduction to the ideas and mathematical techniques of quantum theory, including applications to some simple chemical systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 453 or Graduate level CHM 553 QTR EQUIV: CHM 750
	VERSION: REV **COURSE:** CHM7500 - Introduction to Quantum Chemistry **STUDENT REC TITLE:** Intro to Quantum Chem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the ideas and mathematical techniques of quantum theory, including applications to some simple chemical systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 3520 or one year of undergraduate physical chemistry QTR PREREQ: CHM 453 or Graduate level CHM 553 QTR EQUIV: CHM 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7653 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM751 - Chemical Kinetics **STUDENT REC TITLE:** Chemical Kinetics **EFFECTIVE:** Summer 2011 **COURSE DESC:** (Also listed as BMS 736.) Characterization of simple kinetic systems, experimental methods, energy distributions in molecules, the transition state method, and chain reactions in solution. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 453 or Graduate level CHM 553 QTR EQUIV: CHM 751
	VERSION: REV **COURSE:** CHM7510 - Chemical Kinetics **STUDENT REC TITLE:** Chemical Kinetics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Characterization of simple and complex kinetic systems; experimental techniques, methods of data analyses; kinetic theories; reactions in gas phase, in solution and chemical chain reactions; deduction of reaction mechanisms from experimental rate laws. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 3520 or one year of undergraduate physical chemistry XLIST: BMS 7360 QTR PREREQ: CHM 453 or Graduate level CHM 553 QTR EQUIV: CHM 751

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7654 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM752 - Thermodynamics **STUDENT REC TITLE:** Thermodynamics **EFFECTIVE:** Summer 2011 **COURSE DESC:** Fundamentals of chemical thermodynamics; first, second, and third laws; applications to solutions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 453 or Graduate level CHM 553 QTR EQUIV: CHM 752
	VERSION: REV **COURSE:** CHM7520 - Thermodynamics **STUDENT REC TITLE:** Thermodynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of chemical thermodynamics; first, second, and third laws; applications to solutions. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 3520, or one year of undergraduate physical chemistry XLIST: BMS 7370 QTR PREREQ: CHM 453 or Graduate level CHM 553 QTR EQUIV: CHM 752

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7758 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 5/5/11 **APPROVED:** 5/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM762 - Current Topics in Mass Spectrometry **STUDENT REC TITLE:** Mass Spectrometry **EFFECTIVE:** Fall 2011 **COURSE DESC:** Current topics in mass spectrometry are discussed with emphasis on theory and state-of-the-art instrumentation and ionization methods. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 762
	VERSION: REV **COURSE:** CHM7620 - Current Topics in Mass Spectrometry **STUDENT REC TITLE:** Mass Spectrometry **EFFECTIVE:** Fall 2012 **COURSE DESC:** Current topics in mass spectrometry are discussed with emphasis on theory and state-of-the-art instrumentation and ionization methods. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 762

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7759 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 5/5/11 **APPROVED:** 5/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM763 - Analytical Separations **STUDENT REC TITLE:** Analytical Separations **EFFECTIVE:** Fall 2011 **COURSE DESC:** Theory of separations techniques are reviewed. The two techniques of gas and liquid chromatography are discussed with emphasis in column technology, inlet systems and detection devices. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 763
	VERSION: REV **COURSE:** CHM7630 - Analytical Separations **STUDENT REC TITLE:** Analytical Separations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory of separations techniques are reviewed. The two techniques of gas and liquid chromatography are discussed with emphasis in column technology, inlet systems and detection devices. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 763

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7939 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 7/27/11 **APPROVED:** 9/15/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2011 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** CHM7890 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7770 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 5/16/11 **APPROVED:** 6/29/11 WorkFlow	**VERSION:** CURR **COURSE:** CHM800 - Seminar **STUDENT REC TITLE:** Seminar **EFFECTIVE:** Fall 2011 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** CHM8000 - Seminar **STUDENT REC TITLE:** Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Departmental Seminar **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4526 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 8/18/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM825 - Selected Topics in Inorganic Chemistry **STUDENT REC TITLE:** Select Topic Inorgan Chem **EFFECTIVE:** Fall 2010 **COURSE DESC:** A quarter course on a selected topic in the field of inorganic chemistry, such as the reactions of substances in nonaqueous solvents, metal chelate compounds, inorganic reaction mechanisms, ligand field theory, or the chemistry of the lanthanides and actinides. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 825
	VERSION: REV **COURSE:** CHM8250 - Selected Topics in Inorganic Chemistry **STUDENT REC TITLE:** Sel Topics in Inorganic **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topic in the field of inorganic chemistry, such as the reactions of substances in nonaqueous solvents, metal chelate compounds, inorganic reaction mechanisms, ligand field theory, or the chemistry of the lanthanides and actinides. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 825

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4527 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 8/18/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM845 - Selected Topics of Organic Chemistry **STUDENT REC TITLE:** Select Topic Organic Chem **EFFECTIVE:** Fall 2010 **COURSE DESC:** A selected topic in the field of organic chemistry, such as organic spectroscopy, heterocyclic chemistry, organometallic chemistry, and the chemistry of natural products. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 845
	VERSION: REV **COURSE:** CHM8450 - Selected Topics of Organic Chemistry **STUDENT REC TITLE:** Sel Topics in Organic **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in the field of organic chemistry, such as organic spectroscopy, heterocyclic chemistry, organometallic chemistry, and the chemistry of natural products. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 845

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4528 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 8/18/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** CHM855 - Selected Topics in Physical Chemistry **STUDENT REC TITLE:** Select Topic Phys Chem **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as BMS 738.) A selected topic in the field of physical chemistry such as molecular spectroscopy, advanced molecular structure, magnetic resonance, X-rays, crystal structure, statistical mechanics, and precision physical-chemical measurements. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 855
	VERSION: REV **COURSE:** CHM8550 - Selected Topics in Physical Chemistry **STUDENT REC TITLE:** Select Topic Phys Chem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in the field of physical chemistry such as molecular spectroscopy, advanced molecular structure, magnetic resonance, X-rays, crystal structure, statistical mechanics, and precision physical-chemical measurements. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CHM 855

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7656 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** REV **COURSE:** CHM8960 - Early Start Research **STUDENT REC TITLE:** Early Start Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** A short-term research project as an introduction to Masters-level chemistry research **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Department Permission, Graduate level

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7657 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** REV **COURSE:** CHM8970 - Chemistry Research **STUDENT REC TITLE:** Chemistry Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Original research in a CHM faculty laboratory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 10 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate level, Department permission

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7658 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** REV **COURSE:** CHM8980 - Thesis Research **STUDENT REC TITLE:** Thesis Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Progress and completion of a research project which is suitable for publication. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 12 REP TIMES: 0 RESTRICTION: Graduate level, Department permission

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7659 **STATUS:** Complete **CREATOR:** David Grossie **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** REV **COURSE:** CHM8990 - Thesis Defense **STUDENT REC TITLE:** Thesis Defense **EFFECTIVE:** Fall 2012 **COURSE DESC:** Public defense of a written thesis that is based on original research in a CHM faculty laboratory. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate level, Department permission

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5781 **STATUS:** Complete **CREATOR:** Jeannette Marchand **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** CLS530 - Studies in Ancient Literature **STUDENT REC TITLE:** Studies in Ancient Lit **EFFECTIVE:** Winter 2011 **COURSE DESC:** Course offers a variety of topics including drama, epic, and lyric poetry; prose; selected themes in ancient literature; and literary criticism. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CLS 530
	VERSION: REV **COURSE:** CLS5300 - Studies in Ancient Literature **STUDENT REC TITLE:** Ancient Literature **EFFECTIVE:** Fall 2012 **COURSE DESC:** Offers variety of topics including drama, epic, and lyric poetry; prose; selected themes in ancient literature; and literary criticism. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CLS 530

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5794 **STATUS:** Complete **CREATOR:** Jeannette Marchand **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** CLS540 - Studies in Ancient Art and Archaeology **STUDENT REC TITLE:** Ancient Art & Archeology **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as ART 611.) Greece in the Bronze Age; classical Greece and Rome; and selected areas of Greek and Roman art and archaeology. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CLS 540
	VERSION: REV **COURSE:** CLS5400 - Studies in Ancient Art and Archaeology **STUDENT REC TITLE:** Art & Archaeology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Greece in the Bronze Age; classical Greece and Rome; and selected areas of Greek and Roman art and archaeology. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CLS 540

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5562 **STATUS:** Complete **CREATOR:** Rebecca Edwards **CREATED:** 9/24/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** CLS5500 - Studies in Ancient Culture and Society **STUDENT REC TITLE:** Ancient Culture and Soc. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Aspects of Greek and Roman civilization with evidence from literature, history, documents, and other materials. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 27 REP TIMES: 9 RESTRICTION: Must be enrolled at the following level: Graduate. ADD INFO: Instructor Permission required. QTR EQUIV: CLS 550

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5791 **STATUS:** Complete **CREATOR:** Jeannette Marchand **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** CLS560 - Studies in Ancient Mythology **STUDENT REC TITLE:** Studies:Ancient Mythology **EFFECTIVE:** Winter 2011 **COURSE DESC:** Greek and Roman mythology; aspects and approaches to the study of myth; archaeological and nonliterary sources. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CLS 560
	VERSION: REV **COURSE:** CLS5600 - Studies in Ancient Mythology **STUDENT REC TITLE:** Ancient Mythology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Greek and Roman mythology; aspects and approaches to the study of myth. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CLS 560

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5490 **STATUS:** Complete **CREATOR:** Bruce Laforse **CREATED:** 9/23/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** CLS570 - Studies in Ancient Law, Government, and Politics **STUDENT REC TITLE:** Studies:Ancnt:Law/Gov/Pol **EFFECTIVE:** Fall 2010 **COURSE DESC:** Political problems of the ancient world; law and legal systems; and government and administration. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** CLS5700 - Studies in Ancient Law, Government, and Politics **STUDENT REC TITLE:** Studies:Anct:Law/Gov/Pol **EFFECTIVE:** Fall 2012 **COURSE DESC:** Political problems of the ancient world; law and legal systems; and government and administration. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4494 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 8/16/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** CLS6810 - independent Study **STUDENT REC TITLE:** independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Faculty-directed, individualized study on student-selected topics. Limited to advanced students. Permission of faculty and a minimum 3.5 GPA required. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 12 REP TIMES: 4 ADD INFO: Department permission required.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2183 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/25/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH620 - Biostatistics for Health Professionals **STUDENT REC TITLE:** Biostatistics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to the basic principles and applications of statistical methods as they are applied to data arising in the health professions. CMH 620 students will have additional requirements compared to the STT 520 students. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 620
	VERSION: REV **COURSE:** CMH6100 - Biostatistics for Health Professionals **STUDENT REC TITLE:** Biostatistics for Health **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the basic principles and applications of statistical methods as they are applied to data arising in the health professions. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval QTR EQUIV: CMH 620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2185 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/25/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH623 - Public Health Epidemiology **STUDENT REC TITLE:** Pub Hlth Epidemiology **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course is an introduction to epidemiology including historical foundations, basic concepts, study designs, and practical applications. Emphasis is placed on epidemiological principles, concepts, and methods used within public health settings. Students will use skills acquired in the course to complete an applied project. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 623
	VERSION: REV **COURSE:** CMH6200 - Public Health Epidemiology **STUDENT REC TITLE:** Public Health Epidemiolo **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is an introduction to epidemiology; including historical foundations, basic concepts, research designs, infectious diseases, screening, the influence of chance, bias, and confounding, and practical applications. The course discusses the calculation and interpretation of measures of frequency, association, and public health impact. Emphasis is placed on epidemiological principles, concepts, and methods used within public health settings. Students will complete an applied data project. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admission to MPH program, or permission from instructor QTR EQUIV: CMH 623

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2187 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/25/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH640 - Environmental Health **STUDENT REC TITLE:** Environmental Health **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course focuses on the topics of Environmental Health that have the greatest effect on the community. It provides a survey of broad Environmental Public Health issues. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** CMH6300 - Environmental Health **STUDENT REC TITLE:** Environmental Health **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students taking this course will develop a broad knowledge base in the multidisciplinary field of environmental health. The class will focus on the topics of environmental health that have the greatest affect on the community, such as food-borne health hazards, zoonotic disease, housing, water treatment, and solid and hazardous waste and substances. Contemporary concerns, such as climate change, environmental disaster, and the built environment, will also be thoroughly discussed. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2188 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/25/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH770 - Social and Behavioral Determinants of Health **STUDENT REC TITLE:** Social Behavior Health **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 770
	VERSION: REV **COURSE:** CMH6400 - Social and Behavioral Determinants of Health **STUDENT REC TITLE:** Social and Behavioral De **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course addresses the socio-ecological and behavioral theories of health behavior and their application to designing theory-based interventions. Students develop a theory-based logic map for one risk or protective health behavior. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval QTR EQUIV: CMH 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2189 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/25/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH6500 - Health Resource Management & Policy **STUDENT REC TITLE:** Health Resource Mgmt & P **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will introduce students to the theory, concepts, and practice of managing health resources in both traditional health services and public health settings. In addition, this course will cover health care policies (existing and proposed) and their impact on health care resource management. Sessions will include presentations on patient behavior, managed care, the insurance industry, health provider theory, law, and quality among other topics. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Preference given to students enrolled in the Master of Public Health (MPH) Program, Health Care Management Concentration (MBA), and Health Care Management Certificate Program.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2207 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH705 - Intro to Pub Hlth/Policy **STUDENT REC TITLE:** Intro to Pub Hlth/Policy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Development of a broad knowledge base in public health, a dynamic and multidisciplinary field, by introducing its core components, including environmental science, epidemiology, biostatistics, health policy, health services management, economics, and socio-behavioral science. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Health QTR EQUIV: CMH 705
	VERSION: REV **COURSE:** CMH7520 - Problems in Public Health **STUDENT REC TITLE:** Problems in Public Hlth **EFFECTIVE:** Fall 2012 **COURSE DESC:** This introduces the future public health workforce to historical and contemporary public health challenges that range from the local public health jurisdiction to the theoretical integration of public health, veterinary and medical practice, including health care management systems that enable efficiency of care and delivery. Its intended to flex with contemporary issues to accommodate real-time public health issues in the community and/ or impacting federal, state, and global health. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by Instructor Approval QTR EQUIV: CMH 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2208 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7110 - Applied Public Health Research Design and Analysis **STUDENT REC TITLE:** Public Health Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** This class will examine a range of research designs in the context of methods commonly used in public health departments and community based organizations. Students will also learn data analysis skills using SPSS needed to analyze data collected. Students will conduct a research project using a secondary data set. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval SEM PREREQ: CMH 6200: Epidemiology & CMH 6100: Biostatistics

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2209 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7120 - Qualitative Methods in Public Health **STUDENT REC TITLE:** Qualitative Methods in P **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is an overview of qualitative research methods commonly used in public health. Students will gain experience in the qualitative research process: problem definition, instrument development, data collection, data analysis (qualitative analysis software), interpretation and write-up of findings. Students will develop a critical perspective and be able to evaluate the methodological rigor of qualitative studies by recognizing their strengths and weaknesses, appropriate and inappropriate uses. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2210 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7130 - Using GIS in Public Health **STUDENT REC TITLE:** Using GIS in Public Hlth **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course prepares students to use Geographic Information Systems (GIS) within the framework of Public Health issues. Topics covered include project design, data management, basic cartographic principles, and spatial analysis. At completion, students have a basic understanding of how to plan, design and execute a GIS project for real-world Public Health matters. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6630 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 12/2/10 **APPROVED:** 1/5/11 WorkFlow	**VERSION:** REV **COURSE:** CMH7130 - Using Geospatial Technologies in Public Health **STUDENT REC TITLE:** Geospatial Tech in P H **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course prepares students to use geospatial technologies within the framework of Public Health issues. Topics covered include geographic information systems (GIS), global positioning system (GPS), remote sensing, spatial analysis, project design, data management, basic cartographic principles, case studies and a project. At completion, students have a baseline understanding of how to incorporate geospatial technologies into real-world Public Health matters. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval ADD INFO: After teaching similar course content to a comparable type of student, the lead faculty member, Jennifer Weisser, MA, realized that the CMH 7130 course content needed to be altered to better meet the needs of the Master of Public Health (MPH) students. Key aspects of the CMH 7130 course content have been modified to provide MPH students with the necessary practical knowledge and skills. The title of the course has also been altered to reflect the changes in course content. SEM PREREQ: CMH 6100 (Biostatistics) and CMH 6200 (Epidemiology) QTR PREREQ: N/A

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6632 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 12/2/10 **APPROVED:** 1/5/11 WorkFlow	**VERSION:** REV **COURSE:** CMH7140 - Social Networks and Health **STUDENT REC TITLE:** Social Networks and Hlth **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an introduction to the major theories, methods, models, and findings of social network analysis research and application with attention to medical and public health topics. While not a methods course, the goal of the course is to introduce scholars to the body of research of social networks and health. The emphasis of the course will be to apply the theory of social networks to practical public health situations through engaging peer-reviewed research and class discussion. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval SEM PREREQ: Passing grades in CMH 620 (Biostatistics) and CMH 770 (Social & Behavioral Determinants of Health) QTR PREREQ: N/A

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6633 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 12/2/10 **APPROVED:** 1/5/11 WorkFlow	**VERSION:** REV **COURSE:** CMH7150 - Applied Epidemiology **STUDENT REC TITLE:** Applied Epidemiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will overview advanced topics in epidemiology as they apply in public health research and applications. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval; minimum of B in CMH 6100 Biostatistics course highly suggested SEM PREREQ: Minimum of B in CMH 6200: Epidemiology course QTR PREREQ: N/A

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8045 **STATUS:** Complete **CREATOR:** Lori Metivier **CREATED:** 10/18/11 **APPROVED:** 12/16/11 WorkFlow	**VERSION:** REV **COURSE:** CMH7160 - Advanced Statistical & Epidemiology Methods Using SPSS **STUDENT REC TITLE:** Adv Stat & Epi with SPSS **EFFECTIVE:** Fall 2012 **COURSE DESC:** This class will introduce advanced statistical methods such as regression analysis applied in epidemiological research. Students will learn application of these methods using Statistical Package for Social Sciences (SPSS) to do data analysis. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 1 RESTRICTION: Admitted to MPH program or by instructor approval ADD INFO: Course meets at 3123 Research Blvd., #200, Kettering SEM PREREQ: CMH 6100 (Biostatistics) and CMH 6200 (Epidemiology) QTR PREREQ: CMH 620 (Biostatistics) and CMH 623 (Epidemiology)

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2211 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7210 - Maternal and Child Health **STUDENT REC TITLE:** Maternal and Child Hlth **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concentrating on women of childbearing age, pregnant women, infants, and children from birth through 21 years, this course provides an introduction to the health needs of women and children and to the delivery of services/interventions designed to meet these needs. Critical areas in maternal, infant and child health are examined from several perspectives. Students learn the biological, social, political, and economic context within which maternal and child health problems arise. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval SEM PREREQ: CMH 6200: Epidemiology

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2222 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 3/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7220 - Issues in Aging **STUDENT REC TITLE:** Issues in Aging **EFFECTIVE:** Fall 2012 **COURSE DESC:** Multidisciplinary approaches to the challenges and opportunities of communities and/or families faced with providing health care and social services to a growing number of older adults. Students will work in multidisciplinary teams for class projects. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8046 **STATUS:** Complete **CREATOR:** Lori Metivier **CREATED:** 10/18/11 **APPROVED:** 12/16/11 WorkFlow	**VERSION:** REV **COURSE:** CMH7230 - Health Promotion with Individuals with Disabilities **STUDENT REC TITLE:** HP with Indiv with Disab **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course introduces the health disparities experience by individuals and explores the unique social, physical and political needs for health promotion interventions. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 1 RESTRICTION: Admitted to MPH program or by instructor approval ADD INFO: Class meets at 3123 Research Blvd., #200, Kettering SEM PREREQ: CMH 6100 (Biostatistics) and CMH 6200 (Epidemiology) QTR PREREQ: CMH 620 (Biostatistics) and CMH 623 (Epidemiology)

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2223 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 3/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7310 - Public Health Ethics and Policy **STUDENT REC TITLE:** Public Hlth Ethics & Pol **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is a general introduction to the ethical and legal foundations underlying public health in the United Stated and internationally. The goal is to equip students with the basic conceptual tools they will need as professionals, whether they work in medicine, law, or public service. The readings offer a range of perspectives each week, and are essential background for Team-Based Learning activities and discussions. Written assignments include two short research papers and a final exam. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2224 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 3/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7320 - Public Health Law **STUDENT REC TITLE:** Public Health Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides a general introduction to the field of public health law. The objective of the course is to provide non-lawyers with a general overview of contemporary public health laws, regulations, and court decisions, and the key issues raised thereby with regard to the protection of individual civil and economic liberties. Objectives will be accomplished via lectures, assigned readings, and team-based learning activities. Periodic writing assignments and a final exam are required. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program or by instructor approval

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2203 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7410 - Community Assessment **STUDENT REC TITLE:** Community Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will develop a community assessment that provides information about the needs and assets in communities. To provide adequate services, public health and community based organizations need information about the communities they serve. This necessary information is usually provided in the form of basic statistics such as percentages, ratios, and rates. Each class will work with a community group or organization to produce a community assessment that addresses their need for information. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval SEM PREREQ: CMH 6200: Epidemiology & CMH 6100: Biostatistics

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2204 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH775 - Application and Dissemination of Research in Health **STUDENT REC TITLE:** Application Research HPR **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 775
	VERSION: REV **COURSE:** CMH7420 - Health Program Planning and Evaluation **STUDENT REC TITLE:** Health Program Plan & E **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course develops a depth of health education knowledge and skills for planning, implementing, and evaluating community health education programs. Awareness, behavioral, social, environmental, and policy type interventions will be discussed. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval SEM PREREQ: CMH 6400: Social and Behavioral Determinants of Health QTR EQUIV: CMH 775

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2205 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7430 - Health Awareness and Advocacy Communications **STUDENT REC TITLE:** Health Awareness and Adv **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course introduces the concepts, principles, and practices of health communications. It utilizes social/behavioral theory to develop a comprehensive, integrated plan that provides communications targeting interpersonal, community, and policy/system comm. Students will learn how to communicate risk, identify and segment target audiences, develop culturally appropriate messages and materials, social marketing and using new media, communicating with the media and policy makers, and evaluation. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: MPH Program, or by instructor approval SEM PREREQ: CMH 6400: Social and Behavioral Determinants of Health

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2206 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH754 - Strategic Leadership in Health Care **STUDENT REC TITLE:** Strat Ldrshp in Hlth Care **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course will introduce students to strategic management as practiced in health care settings. Principles of organizational behavior and culture will be examined and techniques in negotiation, leadership, and strategic analysis will be applied. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 754
	VERSION: REV **COURSE:** CMH7510 - Strategic Leadership in Health Care Organizations **STUDENT REC TITLE:** Strategic Leadership in **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will introduce students to concepts, principles, and practices of strategic management in multiple health care settings. Principles of organizational behavior and culture will be examined and techniques in negotiation, leadership, and strategic analysis will be applied **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Preference given to students enrolled in the Master of Public Health (MPH) Program, Health Care Management Concentration (MBA), and Health Care Management Certificate Program. SEM PREREQ: CMH 6500: Health Resource Management and Policy QTR EQUIV: CMH 754

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2225 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 3/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH828 - Health Systems Communication **STUDENT REC TITLE:** Health Systems Comm **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course will introduce students to concepts, principles, and practices of communications in multiple health systems and health care settings. Students will develop their knowledge in areas including effective communication styles, interpersonal relations, etc. **COLLEGE:** School of Medicine **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Business - MBA Must be enrolled in one of the following Levels: Medical QTR EQUIV: CMH 828
	VERSION: REV **COURSE:** CMH7530 - Health Systems Communication **STUDENT REC TITLE:** Health Systems Comm **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course introduces principles and practices of communication in health systems settings. Students develop knowledge in communication styles, interpersonal relations, conflict management, grant writing, consensus building, conducting meetings, correspondence, and community communications with the media, interviews, and risk communication. Case studies are used from healthcare and other sectors. The course is presented by an interdisciplinary team of faculty and community leaders. **COLLEGE:** School of Medicine **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Participation in either the Boonshoft Physician Leadership Development program or Participation in the Masters of Public Health program, or by instructor approval QTR EQUIV: CMH 828

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2200 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH764 - Public Health Aspects of Disaster Management **STUDENT REC TITLE:** Public Health Aspects Disate **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course is designed to meet the need for a recognized curriculum in the Public Health aspects of disaster care and organized emergency medical services systems. Analytical and assessment skills will be emphasized. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 764
	VERSION: REV **COURSE:** CMH7640 - Principles of Emergency Management **STUDENT REC TITLE:** Princ. of Emerg.. Mgmt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course provides an understanding of the phenomena of disasters and management of disaster impacts, as well as an understanding of the emergency management system, currently in place in the US, which serves as a model for developing systems worldwide. Analysis of the National Incident Management System for disaster/crisis/consequence management will be done through case studies, lecture, and independent study that will provide insight into emergency management and the role public health plays. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admission and good standing in MPH program or with instructor approval. ADD INFO: Cross Listing(s): EMR 7640 QTR EQUIV: CMH 764

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2201 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH765 - Interagency Disaster **STUDENT REC TITLE:** Interagency Disaster **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course covers a board range of topics, problems and activities involved in developing a comprehensive plan of response to a major life and property-threatening emergency at the local level. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: CMH 765
	VERSION: REV **COURSE:** CMH7650 - Public Health Crisis and Consequence Management **STUDENT REC TITLE:** Public Health Crisis and **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an analysis of the players involved; coordination with governmental emergency management at the local, state, tribal and federal level; legal requirements; public health disaster awareness and preparedness; disaster mitigation and response; public health business resumption considerations and public policy considerations and community outreach. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study, Internship, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admission and good standing in MPH program or with instructor approval. ADD INFO: Cross Listing(s): EMR 7650 QTR EQUIV: CMH 765

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2202 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH766 - Terrorism and the Effects on Public Health Issues **STUDENT REC TITLE:** Terrorism Effects Public **EFFECTIVE:** Spring 2010 **COURSE DESC:** The course provides an understanding of terrorism, the motivation, and ways in which it impacts individuals and society and the effects of a terrorist incident on Public Health. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: CMH 766
	VERSION: REV **COURSE:** CMH7660 - Public Health Terrorism Preparedness **STUDENT REC TITLE:** Public Health Terrorism **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an in-depth investigation of terrorists, their targets and potential methods and the resultant implications for public health and emergency managers. This course explores terrorists and their motives, vulnerability of critical infrastructure and other civilian targets, risk assessment and interventions. This course will describe and critique local, national and international resources and initiatives in this evolving modern phenomenon. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admission and good standing in MPH program or with instructor approval. ADD INFO: Cross Listing(s): EMR 7660 QTR EQUIV: CMH 766

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2226 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 3/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH771 - Global Health **STUDENT REC TITLE:** Global Health **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course will introduce the students to global health concepts. Social constructs of health will be reviewed, as well as how environmental factors and political decision-making affect global and international health. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Medicine-MD Health Care Management - Cert May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: CMH 771
	VERSION: REV **COURSE:** CMH7710 - Global Health **STUDENT REC TITLE:** Global Health **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course offers an introduction to the institutional, economic, epidemiological, ideological, and political forces in the field of global health. Social constructs of health will be reviewed, as well as how environmental factors and political decision making affect global and international health. Students will also explore best practices approaches to health systems both at national and global levels. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admitted to MPH Program, or by instructor approval QTR EQUIV: CMH 771

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6631 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 12/2/10 **APPROVED:** 1/5/11 WorkFlow	**VERSION:** REV **COURSE:** CMH7710 - Global Health **STUDENT REC TITLE:** Global Health **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course introduces the students to basic global health concepts including health and related issues that transcend national borders, class, race, ethnicity and culture. Students will investigate the commonalities and differences of health issues throughout the world and how these items are interrelated. Global health emphasizes interconnectedness and bidirectional learning between nations. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at Graduate Level ADD INFO: A Global Health Concentration for the MPH Program was approved this summer by the programs accrediting institution. This fall the CMH 7720 Global Health Systems course was added as a required course for this concentration. The outline for the CMH 7720 Global Health Systems course is almost identical to the CMH 7710 Global Health course. Now that the CMH 7710 Global Health course is approved, we are submitting this request for a course modification to change CMH 7710 Global Health course into a prerequisite for the CMH 7720 Global Health Systems course. The course outline, including description, for the CMH 7710 Global Health course explains the content of the modified course. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: CMH 771

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5503 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 9/23/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH772 - Global Health Systems **STUDENT REC TITLE:** Global Health Systems **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course introduces the principles of structures and mechanisms of global health systems focused on the developed countries. It will explore the possible approaches to improve the health systems at national and global levels. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Business - MBA Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: School of Medicine QTR PREREQ: None QTR EQUIV: CMH 772
	VERSION: REV **COURSE:** CMH7720 - Global Health Systems **STUDENT REC TITLE:** Global Health Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an overview to the institutional, economic, epidemiological, ideological, social, and political forces that shape global health systems. A health system includes all organizations, people and actions that promote, restore or maintain health. A health system incorporates efforts to influence determinants of health as well as more direct health improving activities. Students will investigate best-practices approaches to health systems both at national and global levels. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at Graduate Level ADD INFO: The MPH Program is adding this course because the program has been approved by its accrediting institution for a Global Health Concentration. The CMH 7720 Global Health Systems course is being added as a required course for this concentration. The outline for this course is almost identical to the CMH 7710 Global Health course. After the CMH 7710 Global Health course is approved it will be modified to be a prerequisite for the CMH 7720 Global Health Systems course. The following course description for the CMH 7710 Global Health course explains the content of the modified course: This course introduces the students to basic global health concepts including health and related issues that transcend national borders, class, race, ethnicity and culture. Students will investigate the commonalities and differences of health issues

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5503 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 9/23/10 **APPROVED:** 10/4/10 WorkFlow	throughout the world and how these items are interrelated. Global health emphasizes interconnectedness and bidirectional learning between nations. SEM PREREQ: CMH 7710 Global Health QTR PREREQ: None QTR EQUIV: CMH 772

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2227 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 3/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH791 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Spring 2010 **COURSE DESC:** Independent study of topics in community health. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 791
	VERSION: REV **COURSE:** CMH7910 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study of topics in community health. **COLLEGE:** School of Medicine **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Admitted to MPH Program, or by instructor approval QTR EQUIV: CMH 791

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2228 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 3/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** CMH7920 - Special Topics in Public Health **STUDENT REC TITLE:** Special Topics in PH **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course enables students to work with faculty to address current topics in public health. **COLLEGE:** School of Medicine **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Admitted to MPH Program, or by instructor approval

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2197 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH810 - Public Health Practice **STUDENT REC TITLE:** Public Health Practice **EFFECTIVE:** Spring 2010 **COURSE DESC:** This practice placement is intended to provide an intensive Applied Public Health learning experience. Students must complete 120 hours of supervised practice in an approved public community site. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** CMH8110 - Public Health Practice **STUDENT REC TITLE:** Public Health Practice **EFFECTIVE:** Fall 2012 **COURSE DESC:** This practice placement is intended to provide an intensive applied public health learning experience. Students must complete 200 hours of supervised practice in an approved public community site. **COLLEGE:** School of Medicine **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in MPH - Public Health, Graduate Level SEM PREREQ: CMH 8100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2230 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 3/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH811 - Public Health Research Design & Methods **STUDENT REC TITLE:** Public Health Research **EFFECTIVE:** Spring 2010 **COURSE DESC:** Students taking this course will develop skills and knowledge required for public health professionals to effectively utilize the thesis/dissertation model, to conduct literature review, and to successfully complete both qualitative & quantitative analysis. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: CMH 811
	VERSION: REV **COURSE:** CMH8100 - Critical Thinking in Public Health **STUDENT REC TITLE:** Crit Thinking in Pub Hlt **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is designed to assist students in developing the skills and knowledge needed to be successful in the MPH program. Students will meet every other week, have weekly assignments, and will write a concept paper based on a public health issue. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in MPH Public Health, Graduate Level ADD INFO: Recommended Prerequisite for Culminating Experience I & Culminating Experience II QTR EQUIV: CMH 811

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2229 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 3/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH818 - HSM Practice Placement **STUDENT REC TITLE:** HSM Practice Placement **EFFECTIVE:** Spring 2010 **COURSE DESC:** The practice placement will provide the student with the opportunity to engage in any area of population health, health systems, health policy, health economics and/or health finance. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: CMH 818
	VERSION: REV **COURSE:** CMH8120 - HSM Practice Placement **STUDENT REC TITLE:** HSM Practice Placement **EFFECTIVE:** Fall 2012 **COURSE DESC:** This practice placement will provide the student with the opportunity to engage in any area of population health, health systems, health policy, health economics and/or health finance. **COLLEGE:** School of Medicine **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 999 REP TIMES: 999 RESTRICTION: Admitted to the MD/MBA Program, MD/MPH Program or by instructor approval QTR EQUIV: CMH 818

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2198 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH820 - Public Health Culminating Experience **STUDENT REC TITLE:** Culminating Experience **EFFECTIVE:** Spring 2010 **COURSE DESC:** Under supervision of an advisor, students choose research problems, prepare literature searches, design research methodology and conduct applied research. A full report is written and presented before a graduate committee. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 820
	VERSION: REV **COURSE:** CMH8210 - Public Health Culminating Experience I **STUDENT REC TITLE:** Public Health CE I **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides the opportunity to apply, integrate, and synthesize knowledge and experience gained throughout the MPH Program to a question or problem of public health relevance. Under supervision of a faculty advisor, students conduct an integrative writing project usually developed in the form of an applied research paper, policy analysis, community assessment, program evaluation, comprehensive case analysis, or best practices review. A full report is written and presented. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in MPH Public Health, Graduate Level ADD INFO: CMH 8200: Culminating Experience Preparation (Recommended) SEM PREREQ: CMH 6200: Epidemiology & CMH 6100: Biostatistics QTR EQUIV: CMH 820

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2199 **STATUS:** Complete **CREATOR:** Jennifer Lobo **CREATED:** 2/26/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** CMH821 - Public Health Culminating Experience **STUDENT REC TITLE:** Culminating Experience **EFFECTIVE:** Spring 2010 **COURSE DESC:** Under supervision of an advisor, students choose research problems, prepare literature searches, design research methodology and conduct applied research. A full report is written and presented before a graduate committee. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CMH 821
	VERSION: REV **COURSE:** CMH8220 - Public Health Culminating Experience II **STUDENT REC TITLE:** Public Health CE II **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides the opportunity to apply, integrate, and synthesize knowledge and experience gained throughout the MPH Program to a question or problem of public health relevance. Under supervision of a faculty advisor, students conduct an integrative writing project usually developed in the form of an applied research paper, policy analysis, community assessment, program evaluation, comprehensive case analysis, or best practices review. A full report is written and presented. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in MPH Public Health, Graduate Level ADD INFO: CMH 8200: Culminating Experience Preparation (Recommended) SEM PREREQ: CMH 8210: Public Health Culminating Experience I QTR EQUIV: CMH 821

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
8047 **STATUS:** Complete **CREATOR:** Lori Metivier **CREATED:** 10/18/11 **APPROVED:** 12/16/11 WorkFlow	**VERSION:** REV **COURSE:** CMH8230 - Graduate Culminating Experience Research Credit **STUDENT REC TITLE:** CE Continuation Credit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuation of Culminating experience project research carried out with faculty approval and supervision. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled in MPH - Public Health, Graduate Level SEM PREREQ: CMH 8210 (CE I) and CMH 8220 (CE II) QTR PREREQ: CMH 820 (CE I) and CMH 821 (CE II)

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
1523 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/7/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB701 - Counseling Theory and Practice **STUDENT REC TITLE:** Cnl Theory and Practice **EFFECTIVE:** Winter 2010 **COURSE DESC:** Surveys the major theories of counseling and provides opportunities to develop the basic skills associated with the counseling process. Also addresses the key philosophical and ethical issues associated with the counseling profession. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: RHB 701
	VERSION: REV **COURSE:** CNL6010 - Counseling Theory and Practice **STUDENT REC TITLE:** CNL Theory and Practice **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents an overview of the major theoretical approaches to counseling. Key concepts, therapeutic processes, and techniques will be examined. Opportunity will also be available for discussion of philosophical and ethical issues in counseling. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: None QTR PREREQ: None QTR EQUIV: RHB 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1671 **STATUS:** Complete **CREATOR:** Cortney Banks **CREATED:** 1/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL863 - Techniques of Counseling **STUDENT REC TITLE:** Techniques of Counseling **EFFECTIVE:** Winter 2010 **COURSE DESC:** Laboratory practice in individual counseling techniques; focuses on the development of basic skills and procedures. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Counseling QTR PREREQ: CNL 863 QTR EQUIV: CNL 863
	VERSION: REV **COURSE:** CNL6020 - Techniques of Counseling **STUDENT REC TITLE:** Techniques of Counseling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory practice in individual counseling techniques; focuses on the development of basic skills and procedures. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be in the following classification: Graduate Counseling and Rehabilitation Counseling programs. SEM PREREQ: CNL 6010 QTR PREREQ: CNL 863 QTR EQUIV: CNL 863

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1668 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL751 - Statistics and Research **STUDENT REC TITLE:** Statistics and Research **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to descriptive and inferential statistics and their application to assessment procedures. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: EDL 751
	VERSION: REV **COURSE:** CNL6030 - Statistics, Research and Program Evaluation for Counseling **STUDENT REC TITLE:** Stats Res for Counseling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Surveys counseling and rehabilitation research, evidence-based practice, program evaluation, needs assessment, descriptive, inferential, qualitative, quantitative, and single-case designs statistical analysis, and ethical and culturally relevant strategies for interpreting and reporting human services research. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be in the following classifications: Counseling or Rehabilitation Counseling major. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: EDL 751

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6355 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 10/22/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL663 - Mental Health I **STUDENT REC TITLE:** Mental Health I **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduces students in human services to basic phychopathology, factors influencing the behavior of individuals and methods a counselor may use in observing, analyzing and improving attitudes and behavior. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 663
	VERSION: REV **COURSE:** CNL6200 - Clinical Pathology in Counseling **STUDENT REC TITLE:** Clin Pathology in Counsl **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces students in human services to basic phychopathology, factors influencing the behavior of individuals and methods a counselor may use in observing, analyzing and improving attitudes and behavior. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010 QTR EQUIV: CNL 663

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7387 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 2/9/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL664 - Crisis Intervention Counseling **STUDENT REC TITLE:** Crisis Intervention Cnl **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduces students to the background, theory, practice, and needs of crisis intervention within the helping professions. A variety of crisis intervention models are explored, as are the various community resources available to the crisis intervention worker. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level RHB 701 QTR EQUIV: CNL 664
	VERSION: REV **COURSE:** CNL6210 - Crisis Counseling **STUDENT REC TITLE:** Crisis Counseling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces students to the background, theory, practice, and needs of crisis intervention within the helping professions. A variety of crisis intervention models are explored, as are the various community resources available to the crisis intervention worker. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level RHB 701 QTR EQUIV: CNL 664

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1521 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/7/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL667 - Group Background and Theory **STUDENT REC TITLE:** Group Background&Theory **EFFECTIVE:** Winter 2010 **COURSE DESC:** Surveys the background, theory, patterns of function, techniques of facilitating, and the uses of small groups in counseling. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701 QTR EQUIV: CNL 667
	VERSION: REV **COURSE:** CNL6220 - Group Background and Theory **STUDENT REC TITLE:** Group Background &Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Surveys the background, theory, patterns of function, techniques of facilitating, and the uses of small groups in counseling. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: CNL 6010 QTR PREREQ: RHB 701 QTR EQUIV: CNL 667

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1522 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/7/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL661 - Principles of Counseling **STUDENT REC TITLE:** Principles of Counseling **EFFECTIVE:** Winter 2010 **COURSE DESC:** Overview of major counseling theories and techniques and review of historical foundations of the mental health movement. Social, psychological, and philosophical influences are considered. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 661
	VERSION: REV **COURSE:** CNL6610 - Principles of Counseling **STUDENT REC TITLE:** Principles of Counseling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction and overview of major counseling principles, theories, techniques, historical foundations, and services. Also, addresses counseling specialties and professional organizations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: None QTR EQUIV: CNL 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7542 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 2/28/11 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL662 - Problems in Student Personality and Development **STUDENT REC TITLE:** Prob Stu Personality&Dev **EFFECTIVE:** Winter 2010 **COURSE DESC:** Considers physical, psychological, and personality development of students in terms of the interrelationship of these factors and their effects on student functioning. Family, school, and other social-psychological environments are studied in terms of their effect on behavior. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 662
	VERSION: REV **COURSE:** CNL6620 - Problems in Student Behavior and Development **STUDENT REC TITLE:** Prob Stu Behavior & Dev **EFFECTIVE:** Fall 2012 **COURSE DESC:** Considers physical, psychological, and personality development of students. The interrelationship of these factors and their effects on student functioning are also explored. The course also explores the impact of social learning on student behavior. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010 QTR EQUIV: CNL 662

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1108 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 12/16/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL670 - Counseling Workshop **STUDENT REC TITLE:** Counseling Workshop **EFFECTIVE:** Winter 2010 **COURSE DESC:** Selected topics in the human services area on a workshop or a one-time class basis are considered. Topics and titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 670
	VERSION: REV **COURSE:** CNL6700 - Counseling Workshop **STUDENT REC TITLE:** Counseling Workshop **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of selected areas in counseling to meet the particular needs of participating students, schools, and agencies. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 12 REP TIMES: 4 RESTRICTION: None SEM PREREQ: None QTR EQUIV: CNL 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1524 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/7/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL767 - Group Processes in Counseling and Guidance **STUDENT REC TITLE:** Group Proc Counsel&Guid **EFFECTIVE:** Winter 2010 **COURSE DESC:** Serves as an introduction to group counseling practice. Considers interaction patterns and dynamics within small groups, and focuses on understanding of individual and group behavior as they relate to the individuals taking the course. Evaluation and research of group processes are also considered. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701, CNL 863 QTR EQUIV: CNL 767
	VERSION: REV **COURSE:** CNL7220 - Group Process in Counseling **STUDENT REC TITLE:** Group Process Counseling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Serves as an introduction to group practice. Considers interaction patterns and dynamics within small groups, and focuses on understanding of individual and group behavior as they relate to the individuals taking the course. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: CNL 6010, CNL 6020 QTR PREREQ: RHB 701, CNL 863 QTR EQUIV: CNL 767

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1669 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB705 - Behavioral Assessment **STUDENT REC TITLE:** Behavioral Assessment **EFFECTIVE:** Winter 2010 **COURSE DESC:** Surveys psychological tests and measurements with emphasis on attitude, interest, vocational, and personality tests. Understanding of basic principles and their application to counseling in various settings are stressed. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: EDL 751 QTR EQUIV: RHB 705
	VERSION: REV **COURSE:** CNL7230 - Assessment and Evaluation in Counseling **STUDENT REC TITLE:** Asses & Eval in Counsel **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores best practice and use of instruments used in counseling assessment and evaluation. Additional topics include statistical concepts, reliability, validity, ethical applications, social cultural factors. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010 CNL 6020 CNL 6030 QTR PREREQ: EDL 751 QTR EQUIV: RHB 705

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7412 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 2/11/11 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL762 - Career Development and Information Services **STUDENT REC TITLE:** Career Devel & Inf Serv **EFFECTIVE:** Spring 2011 **COURSE DESC:** Presents career development as a series of vocational/avocational choices in the process of self-realization and considers the effect of rapid social and technological change on this process. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level RHB 701 QTR EQUIV: CNL 762
	VERSION: REV **COURSE:** CNL7240 - Career Counseling and Development **STUDENT REC TITLE:** Career Counseling & Dev **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents career development as a series of vocational and other life choices in the process of self-realization, and also considers the effect of rapid social and technological change on this process. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010 QTR PREREQ: Graduate level RHB 701 QTR EQUIV: CNL 762

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6211 **STATUS:** Complete **CREATOR:** Mary Haubert **CREATED:** 10/13/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** CNL7240 - Career Counseling and Development **STUDENT REC TITLE:** Career Counseling & Dev **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents career development as a series of vocational and other life choices in the process of self-realization, and also considers the effect of rapid social and technological change on this process. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010 QTR PREREQ: RHB 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1666 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL773 - Mental Health II **STUDENT REC TITLE:** Mental Health II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Acquaints students with preventive mental health, advocacy roles, legal and ethical issues, and interdisciplinary approaches to community mental health. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701 QTR EQUIV: CNL 773
	VERSION: REV **COURSE:** CNL7250 - Clinical Mental Health Practices and Services **STUDENT REC TITLE:** Cnl Mental Hlth Prac/Ser **EFFECTIVE:** Fall 2012 **COURSE DESC:** Acquaints students with preventive mental health, advocacy roles, legal and ethical issues, and interdisciplinary approaches to community mental health. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010 CNL 6020 CNL 6030 QTR PREREQ: RHB 701 QTR EQUIV: CNL 773

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2015 **STATUS:** Complete **CREATOR:** Cortney Banks **CREATED:** 2/3/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL779 - Marriage and Family Counseling **STUDENT REC TITLE:** Marriage&Family Counsel **EFFECTIVE:** Spring 2010 **COURSE DESC:** Considers principles and techniques of marriage and family counseling from a variety of theoretical orientations. Laboratory and/or field experience may be required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701 QTR EQUIV: CNL 779
	VERSION: REV **COURSE:** CNL7260 - Marriage and Family Counseling **STUDENT REC TITLE:** Marriage **EFFECTIVE:** Fall 2012 **COURSE DESC:** Considers principles and techniques of marriage and family counseling from a variety of theoretical orientations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010 QTR PREREQ: RHB 701 QTR EQUIV: CNL 779

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1672 **STATUS:** Complete **CREATOR:** Cortney Banks **CREATED:** 1/15/10 **APPROVED:** 3/10/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL971 - Counseling for Life-Span Development **STUDENT REC TITLE:** Counsel for Life Develop **EFFECTIVE:** Winter 2010 **COURSE DESC:** Developmental factors influencing the behavior of individuals across the life-span and the unique counseling strategies that are employed with clients in the human services at different points on the life-span continuum. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701 CNL 863 EDL 751 QTR EQUIV: CNL 971
	VERSION: REV **COURSE:** CNL7270 - Counseling for Life-Span Development **STUDENT REC TITLE:** Coun Life-Span Develop **EFFECTIVE:** Fall 2012 **COURSE DESC:** Developmental factors influencing the behavior of individuals across the life-span and the unique counseling strategies that are employed. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010 CNL 6020 QTR PREREQ: RHB 701 CNL 863 EDL 751 QTR EQUIV: CNL 971

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1667 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/15/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL972 - Legal, Professional, and Ethical Issues in the Human Services **STUDENT REC TITLE:** Legal Prof Ethic Issues H **EFFECTIVE:** Winter 2010 **COURSE DESC:** Surveys the various legal, professional, and ethical concerns most often encountered by human service providers. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701 QTR EQUIV: CNL 972
	VERSION: REV **COURSE:** CNL7280 - Professional Orientation, Ethical Standards, and Legal Issues in Counseling **STUDENT REC TITLE:** Pro Orient Eth & Leg Iss **EFFECTIVE:** Fall 2012 **COURSE DESC:** Surveys legal, professional, and ethical issues in counseling. Topics include: historical review, counselor roles and functions, self-care strategies, supervision models, advocacy, professional organizations, and professional credentialing. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010 CNL 6020 QTR PREREQ: RHB 701 QTR EQUIV: CNL 972

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1104 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 12/16/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL973 - Social and Cultural Foundations in Counseling **STUDENT REC TITLE:** Soc Cultural Found Counse **EFFECTIVE:** Winter 2010 **COURSE DESC:** Focuses on studies of change, ethnic groups, subcultures, changing roles of women, sexism, urban and rural populations, and differing life patterns. Involves experiential and didactic material and looks at individual attitudes and beliefs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701 QTR EQUIV: CNL 973
	VERSION: REV **COURSE:** CNL7290 - Multicultural Counseling **STUDENT REC TITLE:** Multicultural Counseling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies social change, cultures, issues related to immigration, gender, sexual orientation, socioeconomic status, religious affiliation, and unique characteristics of individuals, couples, families, ethic groups, and communities. This course does require some experiential exercises. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: CNL 6010 QTR PREREQ: RHB 701 QTR EQUIV: CNL 973

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1675 **STATUS:** Complete **CREATOR:** Cortney Banks **CREATED:** 1/15/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL765 - Pupil Personnel Services in the School and Community Resources **STUDENT REC TITLE:** Pupil Pers Serv Sch & Comm **EFFECTIVE:** Winter 2010 **COURSE DESC:** Presents theoretical aspects concerning the organization and administration of guidance services; practical application of principles to schools and other organizations. Surveys social agencies, both public and private, that counselors should be familiar with. An analysis of the referral process and the methods of interagency cooperation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701 CNL 863 QTR EQUIV: CNL 765
	VERSION: REV **COURSE:** CNL7650 - Principles and Practices of School Counseling **STUDENT REC TITLE:** Prin & Prac of Schl Coun **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores the design, implementation, management,and evaluation of comprehensive school counseling programs. School counseling programming is discussed in terms of its relationship to the total school program and to community support systems. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010 QTR PREREQ: RHB 701 CNL 863 QTR EQUIV: CNL 765

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1103 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 12/16/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL770 - Independent Study and Minor Problems **STUDENT REC TITLE:** Indep Study Minor Prob **EFFECTIVE:** Winter 2010 **COURSE DESC:** Planned reading and/or project under the guidance of a counselor education program faculty member. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 770
	VERSION: REV **COURSE:** CNL7700 - Independent Study and Minor Problems **STUDENT REC TITLE:** Indep Study Minor Prob **EFFECTIVE:** Fall 2012 **COURSE DESC:** Planned reading and/or project under the guidance of a Department of Human Services faculty member. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 12 REP TIMES: 4 QTR EQUIV: CNL 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1106 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 12/16/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL781 - Advanced Techniques of Family Counseling **STUDENT REC TITLE:** Adv Techn of Family Cnl **EFFECTIVE:** Winter 2010 **COURSE DESC:** Advanced technique and intervention course that focuses on family systems interventions. Emphasis on applications of family counseling, providing in-depth treatment of the major approaches to family counseling. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level RHB 701 and Graduate level CNL 863 and Graduate level CNL 779 and Graduate level CNL 780
	VERSION: REV **COURSE:** CNL7800 - Systemic Techniques in Marriage and Family Counseling **STUDENT REC TITLE:** Sys Tech in Marr & Fam **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on teaching systemic interventions and problem solving in the process of resolving marriage and family related concerns. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be in the following classification: Marriage and Family Counseling major ADD INFO: This course combines the content from the quarter courses CNL 781 and CNL 782. SEM PREREQ: CNL 6010, CNL 6020, CNL 7260 QTR PREREQ: Graduate level RHB 701 and Graduate level CNL 863 and Graduate level CNL 779 and Graduate level CNL 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8890 **STATUS:** Process **CREATOR:** Jaclyn Stevens **CREATED:** 5/8/12 **APPROVED:** 5/21/12 WorkFlow	**VERSION:** CURR **COURSE:** CNL7800 - Systemic Techniques in Marriage and Family Counseling **STUDENT REC TITLE:** Sys Tech in Marr & Fam **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on teaching systemic interventions and problem solving in the process of resolving marriage and family related concerns. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Counseling - MS Counseling - MA May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Concentrations: Marriage+Family QTR EQUIV: CNL781
	VERSION: REV **COURSE:** CNL7800 - Systemic Techniques in Marriage and Family Counseling **STUDENT REC TITLE:** Sys Tech in Marr & Fam **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on teaching systemic interventions and problem solving in the process of resolving marriage and family related concerns. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Counseling - MS Counseling - MA May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Concentrations: Marriage+Family SEM PREREQ: Graduate level CNL 6010 and Graduate level CNL 6020 and Graduate level CNL 7260 QTR EQUIV: CNL781

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6218 **STATUS:** Complete **CREATOR:** Mary Haubert **CREATED:** 10/13/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** CNL8000 - Human Sexuality Counseling **STUDENT REC TITLE:** Human Sexuality Counsel **EFFECTIVE:** Fall 2012 **COURSE DESC:** The principles and practice of human sexuality and sexuality counseling are reviewed. A major focus of the course is the application and integration of theories and principles of sexuality counseling with couples. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010 CNL 6020 CNL 7260

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1095 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 12/16/09 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL860 - Adv Seminar in Counseling **STUDENT REC TITLE:** Adv Seminar in Counseling **EFFECTIVE:** Winter 2010 **COURSE DESC:** Provides an opportunity for students to further develop skills in counseling, appraisal, research, or other related areas under faculty direction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 860
	VERSION: REV **COURSE:** CNL8600 - Advanced Seminar in Counseling **STUDENT REC TITLE:** Adv Seminar Counseling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides an opportunity for students to further develop skills in counseling, appraisal, research, or other related areas under faculty direction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 12 REP TIMES: 4 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 860

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1518 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/7/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL864 - Practicum I: Individual **STUDENT REC TITLE:** Practicum I: Individual **EFFECTIVE:** Winter 2010 **COURSE DESC:** Provides an experience in counseling and guidance in which students, under supervision, actually counsel individuals in educational, vocational, and personal areas. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 864
	VERSION: REV **COURSE:** CNL8640 - Practicum **STUDENT REC TITLE:** Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides an experience in counseling, interviewing, training, and/or consultation in which the student under supervision, demonstrates skills in educational, vocational, organizational, and/or personal areas to individuals and/or groups. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: CNL 6010, CNL 6020, CNL 6030, and CNL 7280 with a minimum grade of B and completion of 18 hours on program of study QTR EQUIV: CNL 864

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6219 **STATUS:** Complete **CREATOR:** Mary Haubert **CREATED:** 10/13/10 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** REV **COURSE:** CNL8650 - Individual and Group Practicum in Counseling **STUDENT REC TITLE:** Indiv & Grp Pract Couns **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides supervised experience for counselor trainees providing psychotherapy, counseling, guidance, instruction, and assessment to individuals and groups to resolve behavioral, substance, educational/vocational/career, marital/family/relational, and personal/social problems and diagnose and treat mental and emotional/affective disorders. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be in one of the following levels: Graduate SEM PREREQ: CNL 6010, CNL 6020, CNL 6030, CNL 6220 or CNL 7220, CNL 7290, CNL 7280, CNL 7230. Minimum grade for all prerequisites is "B" QTR PREREQ: RHB 701, CNL 863, EDL 751, CNL 972 QTR EQUIV: CNL 865

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6221 **STATUS:** Complete **CREATOR:** Mary Haubert **CREATED:** 10/13/10 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** REV **COURSE:** CNL8670 - Internship **STUDENT REC TITLE:** Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** This field-based experience provides human services masters degree students with advanced clinical practice and supervision in their major specialty areas. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010, CNL 6020, CNL 6030, CNL 6220 or CNL 7220, CNL 7230, CNL 6200, CNL 7280, CNL 7290, CNL 8650 Minimum of "B" required for all prerequisites QTR PREREQ: CNL 863, CNL 865, CNL 972, EDL 751, RHB701 QTR EQUIV: CNL 867

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6223 **STATUS:** Complete **CREATOR:** Mary Haubert **CREATED:** 10/13/10 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** REV **COURSE:** CNL9500 - Advanced Personality Theory & Psychopathology **STUDENT REC TITLE:** Adv Pers Theory & Psyc **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the development of personality throughout the life span and associated difficulties that can occur for individuals. Additional emphasis will be given to adaptation and the coping process. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010, CNL 6020, CNL 6030, CNL 7230, CNL 6200, CNL 6220 OR CNL 7220, CNL 7240, CNL 7260, CNL 7270, CNL 7280, CNL 7290 QTR EQUIV: CNL 950

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2016 **STATUS:** Complete **CREATOR:** Cortney Banks **CREATED:** 2/3/10 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL951 - Clinical Assessment in Counseling Practice **STUDENT REC TITLE:** Clin Assess in Cnl Prac **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course studies supervised clinical practice in the administration of mental health assessment instruments. Emphasizes advanced methods of administering and interpreting standardized tests. Includes use of assessment procedures in diagnosis and treatment planning. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 951
	VERSION: REV **COURSE:** CNL9510 - Clinical Assessment in Counseling Practice **STUDENT REC TITLE:** Clin Assess in Cnl Prac **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised clinical practice in the administration of mental health assessment instruments. Emphasizes advanced methods of administering and interpreting standardized tests. Includes use of assessment procedures in diagnosis and treatment planning. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010, CNL 6020, CNL 6030, CNL 7230, CNL 6200, CNL 6220 OR CNL 7220, CNL 7240, CNL 7260, CNL 7270, CNL 7280, CNL 7290 QTR EQUIV: CNL 951

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1646 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 1/14/10 **APPROVED:** 5/3/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL952 - Diagnosis and Clinical Counseling Practice **STUDENT REC TITLE:** Diagnosis & Clin Cnl Prac **EFFECTIVE:** Winter 2010 **COURSE DESC:** Clinical course designed to introduce students to comprehensive diagnostic evaluation. Students gain familiarity with the Current Diagnostic and Statistical Manual and International Classification of Disease via lecture as well as case formulations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 952
	VERSION: REV **COURSE:** CNL9520 - Diagnosis and Clinical Counseling Practice **STUDENT REC TITLE:** Diagnosis Clin Cnl Prac **EFFECTIVE:** Fall 2012 **COURSE DESC:** Clinical course designed to introduce the student to comprehensive diagnostic evaluation. Students will gain familiarity with the DSM nomenclatures via assigned readings, case studies and assignments. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010, CNL 6020, CNL 6030, CNL 7230, CNL 6200, CNL 6220 OR CNL 7220, CNL 7240, CNL 7260, CNL 7270, CNL 7280, CNL 7290 QTR EQUIV: CNL 952

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6227 **STATUS:** Complete **CREATOR:** Mary Haubert **CREATED:** 10/13/10 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** REV **COURSE:** CNL9530 - Case Formulation, Clinical Intervention and Supervision **STUDENT REC TITLE:** Case Form Interven Supv **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course reviews clinical decision making skills in counselor practice and emphasizes using sound, clinically defensible diagnostic assessment and clinical interventions supported in current outcome research. Advanced case conceptualization and counselor supervision also presented. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010, CNL 6020, CNL 6030, CNL 7230, CNL 6200, CNL 6220 OR CNL 7220, CNL 7240, CNL 7260, CNL 7270, CNL 7280, CNL 7290, CNL 8650 or RHB 8650 QTR EQUIV: CNL 953

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1105 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 12/16/09 **APPROVED:** 5/3/11 WorkFlow	**VERSION:** CURR **COURSE:** CNL960 - Advanced Institute for Human Services Personnel **STUDENT REC TITLE:** Adv Instit Human Ser Pers **EFFECTIVE:** Winter 2010 **COURSE DESC:** Individual and group study of current problems and issues for counselors. Also provides a focus on the development of new skills related to counseling interventions. Topics might include professional ethics and responsibilities, crisis intervention and human sexuality. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CNL 960
	VERSION: REV **COURSE:** CNL9600 - Advanced Institute for Human Services Personnel **STUDENT REC TITLE:** Adv Instit Human Serv **EFFECTIVE:** Fall 2012 **COURSE DESC:** Individual, group study of current problems in counseling. Provides a focus on the development of new skills related to interventions. Topics might include professional ethics and responsibilities, crisis intervention, techniques, and human sexuality. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be in one of the following categories: Graduate QTR EQUIV: CNL 960

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7535 **STATUS:** Complete **CREATOR:** Martha Antolik **CREATED:** 2/27/11 **APPROVED:** 3/14/11 WorkFlow	**VERSION:** REV **COURSE:** COM6250 - Health Communication **STUDENT REC TITLE:** Health Com **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basic themes and issues that have developed in health communication research including physician-patient and nurse-patient communications, organizational communication in health care organizations, and relationships among care providers. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: COM 4250

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7538 **STATUS:** Complete **CREATOR:** Martha Antolik **CREATED:** 2/27/11 **APPROVED:** 3/14/11 WorkFlow	**VERSION:** REV **COURSE:** COM6320 - Race, Class and Gender Communication **STUDENT REC TITLE:** Race, Class Gender Com **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical and pragmatic consideration of the impact of race, class, and gender on the communication process within society. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: COM 4320 QTR EQUIV: COM 632

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7536 **STATUS:** Complete **CREATOR:** Martha Antolik **CREATED:** 2/27/11 **APPROVED:** 3/14/11 WorkFlow	**VERSION:** REV **COURSE:** COM6490 - Survey of Communication Research **STUDENT REC TITLE:** Survey of Com Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the behavioral approach and current theories and experiments in communications research. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: COM 4490 QTR EQUIV: COM 649

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7537 **STATUS:** Complete **CREATOR:** Martha Antolik **CREATED:** 2/27/11 **APPROVED:** 3/14/11 WorkFlow	**VERSION:** REV **COURSE:** COM6640 - Media Literacy **STUDENT REC TITLE:** Media Literacy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of contemporary programming and production practices including the development of critical standards for evaluation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: COM 4640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3918 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 6/21/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS600 - Data Structures and Algorithms **STUDENT REC TITLE:** Data Struc & Algorithms **EFFECTIVE:** Fall 2010 **COURSE DESC:** Study of the implementation of data structures and control structures in professional computer programs. Introduction to the fundamentals of complexity and analysis. Study of common standard problems and solutions (e.g., transitive closure and critical paths). Emphasis is on high-level language software design. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CS 242 and CEG 233 and MTH 257 QTR EQUIV: CS 600
	VERSION: REV **COURSE:** CS5100 - Data Structures and Algorithms **STUDENT REC TITLE:** Data Struc & Algorithms **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the implementation of data structures and control structures in professional computer programs. Introduction to the fundamentals of complexity and analysis. Study of common standard problems and solutions (e.g., transitive closure and critical path). Emphasis on high-level language software design. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 1181 and CEG 2350 and MTH 2570 XLIST: CS 3100 QTR PREREQ: CS 242 and CEG 233 and MTH 257 QTR EQUIV: CS 600

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1479 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/31/09 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** CS516 - Survey of Numerical Methods for Computational Science **STUDENT REC TITLE:** Survey Comp Sci Num Mtds **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to numerical methods used in the sciences and engineering. included will be methods for interpolation, data smoothing, integration, differentiation, and solution of systems of linear and nonlinear equations. Four hours lecture. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (CS 142 or CS 241 or CEG 220) and MTH 231 and (MTH 235 or MTH 253)and (MTH 233 or MTH 235)
	VERSION: CURR **COURSE:** CS517 - Applications of Numerical Methods for Computational Science **STUDENT REC TITLE:** Appl Comp Sci Num Mtds **EFFECTIVE:** Winter 2010 **COURSE DESC:** Applications of computing for solving scientific and engineering problems. Numerical solution of initial value and boundary value problems for ordinary and partial differential equations are covered. Applications involding numerical optimization methods are included. Four hours lecture. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (CS 142 or CS 241 or CEG 220) and MTH 231 and (MTH 235 or MTH 253)and (MTH 233 or MTH 235)
	VERSION: REV **COURSE:** CS5260 - Numerical Methods **STUDENT REC TITLE:** Num Mthds Comput Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Numerical methods for the sciences using modern programming languages. Solution of linear and nonlinear equations, symmetric matrix eigenvalue problems, interpolation and least squares. Initial value and boundary value problems for representative systems governed by ordinary and partial differential equations are also solved numerically. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1479 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/31/09 **APPROVED:** 11/1/10 WorkFlow	REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: (CS 1160 or CS 1800 or CEG 2170) and (MTH 2310) and ((MTH 2330 and MTH 2530) or MTH 2350) XLIST: MTH 5260, CS 3260, MTH 3260 QTR PREREQ: (CS 142 or CS 241 or CEG 220) and MTH 231 and (MTH 235 or MTH 253)and (MTH 233 or MTH 235)

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1962 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/28/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS680 - Comparative Languages **STUDENT REC TITLE:** Comparative Languages **EFFECTIVE:** Spring 2010 **COURSE DESC:** Basic concepts and special purpose facilities in programming languages, examined through several representative languages. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 600 QTR EQUIV: CS 680
	VERSION: REV **COURSE:** CS5180 - Comparative Languages **STUDENT REC TITLE:** Comparative Languages **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course introduces fundamental concepts and paradigms underlying modern programming languages, to enable better appreciation, comparison and evaluation of languages. For concreteness, it covers the details of an object-oriented language, a functional language, a logic language, and a multi-paradigm scripting language. Basics of interpreters and compilers explored through programming assignments. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 3100 or CS 5100 XLIST: CS 3180 QTR PREREQ: Graduate level CS 600 QTR EQUIV: CS 680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1476 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/31/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS610 - Theoretical Foundations of Computing **STUDENT REC TITLE:** Theory of Computing **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as MTH 610) Turing Machines; partial-recursive functions; equivalence of computing paradigms; Church-Turing thesis; undercidability; intractability. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 600 QTR EQUIV: CS 610
	VERSION: CURR **COURSE:** CS666 - Introduction to Formal Languages **STUDENT REC TITLE:** Intro Formal Languages **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to the theory of formal languages and automata. Emphasis is on those classes of languages commonly encountered by computer scientists (e.g. regular and context-free lanugages) **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 600 QTR EQUIV: CS 610
	VERSION: REV **COURSE:** CS5200 - Theoretical Foundations of Computing **STUDENT REC TITLE:** Theory of Computing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the theory of formal languages and automata with an emphasis on the classes of languages commonly encountered by computer scientists. Computability examines the solution of decision problems; the Church-Turing thesis; the undecidability of the Halting Problem; and problem reduction and undecidability. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1476 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/31/09 **APPROVED:** 8/30/10 WorkFlow	SEM PREREQ: CS 3100 or CS 5100 XLIST: CS 3200 QTR PREREQ: Graduate level CS 600 QTR EQUIV: CS 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1490 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 12/31/09 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** CS550 - Computational Tools and Techniques for Data Analysis **STUDENT REC TITLE:** Comp Tools Data Analysis **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to the representation, visualization, and modeling of large data sets. Data analysis using standard high level software tools. Topics include data filtering, clustering, classification, and data mining. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (MTH 229 or EGR 101) and (CS 141 or CS 240 or CEG 220) QTR EQUIV: CS 550
	VERSION: REV **COURSE:** CS5250 - Computational Tools and Techniques for Data Analysis **STUDENT REC TITLE:** Comp Tool Tech Data Anl **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the representation, manipulation, and analysis of large datasets from a user's perspective. Topics include data filtering, clustering, classification, and data mining. The basic principles behind each technique are first introduced and then numerical experiments demonstrate their applicability. Standard software and programming languages are utilized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: MTH 2300 and (CS 1160 or CS 1180 or CEG 2170) XLIST: CS 3250 QTR PREREQ: (MTH 229 or EGR 101) and (CS 141 or CS 240 or CEG 220) QTR EQUIV: CS 550

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8365 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** CURR **COURSE:** CS5260 - Numerical Methods **STUDENT REC TITLE:** Num Mthds Comput Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Numerical methods for the sciences using modern programming languages. Solution of linear and nonlinear equations, symmetric matrix eigenvalue problems, interpolation and least squares. Initial value and boundary value problems for representative systems governed by ordinary and partial differential equations are also solved numerically. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** CS5260 - Numerical Methods for Computational Science **STUDENT REC TITLE:** CS Numerical Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Numerical methods for the sciences using modern programming languages. Solution of linear and nonlinear equations, symmetric matrix eigenvalue problems, interpolation and least squares. Initial value and boundary value problems for representative systems governed by ordinary and partial differential equations are also solved numerically. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: (CS 1160 or CS 1180 or CEG 2170 or ME 1020) and (MTH 2350 or (MTH 2330 and MTH 2530)) XLIST: CS 3260

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5827 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 9/30/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** REV **COURSE:** CS5900 - Special Topics in Computer Science **STUDENT REC TITLE:** Special Topics in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special topics in computer science. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: NONE

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5895 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** REV **COURSE:** CS5970 - Independent Study in Computer Science **STUDENT REC TITLE:** Independent Study in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in computer science **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: NONE

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2052 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 2/11/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS605 - Introduction to Data Base Management Systems **STUDENT REC TITLE:** Intro to Data Mgt Systems **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of logical and physical aspects of database management systems, including entity-relationship and relational data models; physical implementation methods; query languages; SQL, relational algebra, relational calculus, and QBE: experience in creating and manipulating databases. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CS 600 QTR EQUIV: CS 605
	VERSION: REV **COURSE:** CS6700 - Introduction to Database Management Systems **STUDENT REC TITLE:** Database Management **EFFECTIVE:** Fall 2012 **COURSE DESC:** Logical and physical aspects of database management systems are surveyed. Data models including entity-relationship (ER) and relational models are presented. Physical implementation (data organization and indexing) methods are discussed. Query languages including SQL, relational algebra, relational calculus, and QBE are studied. Database schema design methods are presented. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr SEM PREREQ: CS 3100 or CS 5100 XLIST: CS 4700 QTR PREREQ: CS 600 QTR EQUIV: CS 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2054 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 2/11/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS608 - Introduction to Data Mining **STUDENT REC TITLE:** Data Mining I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to fundamental concepts, algorithms and techniques of data mining. Emphasis is on data preparation/evaluation/exploration, association rules, classification, clustering, pattern/model evaluation, anomaly detection. Students will develop and use data mining software. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture QTR PREREQ: CS 600 QTR EQUIV: CS 608
	VERSION: REV **COURSE:** CS6710 - Introduction to Data Mining **STUDENT REC TITLE:** Intro to Data Mining **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the fundamentals of data mining. Emphasis is on data preparation/evaluation/exploration, association rules, classification, clustering, OLAP/OLAM, pattern/model evaluation, anomaly detection. Students will develop and use data mining software. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 SEM PREREQ: CS 3100 or CS 5100 XLIST: CS 4710 QTR PREREQ: CS 600 QTR EQUIV: CS 608

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3848 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 6/17/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS609 - Principles of Artificial Intelligence **STUDENT REC TITLE:** Principles of AI **EFFECTIVE:** Fall 2010 **COURSE DESC:** Problem-solving methods in artificial intelligence (AI) with emphasis on heuristic approaches. Topics include knowledge representation, search, intelligent agents, planning, learning, natural language processing, logic, inference, robotics, and case-based reasoning. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 600 and (ISE 301 or STT 360 or EE 326) QTR EQUIV: CS 609
	VERSION: REV **COURSE:** CS6850 - Foundations of Artificial Intelligence **STUDENT REC TITLE:** Foundations of AI **EFFECTIVE:** Fall 2012 **COURSE DESC:** Problem-solving methods in artificial intelligence (AI) with emphasis on heuristic approaches. Topics include knowledge representation, search, intelligent agents, planning, learning, natural language processing, logic, inference, robotics, and case-based reasoning. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 2210 XLIST: CS 4850 QTR PREREQ: Graduate level CS 600 and (ISE 301 or STT 360 or EE 326) QTR EQUIV: CS 609

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3047 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 5/6/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS670 - Systems Simulation **STUDENT REC TITLE:** Systems Simulation **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to simulation and comparison with other techniques; discrete simulation models; introduction to queuing theory and stochastic processes; comparison of simulation languages; simulation methodology; selected applications of simulation. Students must show ability to solve problems using simulation techniques. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CS 400 or Graduate level CS 600 and (STT 360 or STT 363 or ISE 301) QTR EQUIV: CS 670
	VERSION: REV **COURSE:** CS6830 - Systems Simulation **STUDENT REC TITLE:** Systems Simulation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to simulation concepts and techniques. Topics include modeling, discrete simulation, continuous simulation, random number generators, input distribution selection and analysis of simulation results. Emphasis is on the application of simulation techniques for analyzing behavior of real systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 3100 or CS 5100 and (STT 3600 or STT 3630 or ISE 2211) XLIST: CS 4830 QTR PREREQ: CS 400 or Graduate level CS 600 and (STT 360 or STT 363 or ISE 301) QTR EQUIV: CS 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3071 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 5/6/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS675 - Web Information Systems **STUDENT REC TITLE:** Web Information Systems **EFFECTIVE:** Fall 2010 **COURSE DESC:** Covers topics in building Web-based applications involving variety of data; covers data, metadata, knowledge and ontologies; key Web languages and protocols; search engines, social networking, Web2.0, semantic web. Good programming skills are prerequisite. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CS 242 and CS 2800 and CS 405 QTR EQUIV: CS 675
	VERSION: REV **COURSE:** CS6800 - Web Information Systems **STUDENT REC TITLE:** Web Information Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers topics in building Web-based applications involving variety of data; covers data, metadata, knowledge and ontologies; key Web languages and protocols; search engines, social networking, Web2.0, semantic web. Good programming skills are prerequisite. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: CS 2800 is strongly recommended for students who satisfy the prerequisites with CS 242 and CS 405. SEM PREREQ: CS 1181 and CS 2800 and (CS 4700 or CS 6700) XLIST: CS 4800 QTR PREREQ: CS 242 and CS 2800 and CS 405 QTR EQUIV: CS 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5896 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS699 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Study of selected topics in computer science. Titles vary. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 699
	VERSION: REV **COURSE:** CS6900 - Special Topics in Computer Science **STUDENT REC TITLE:** Special Topics in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special topics in computer science **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CS 699

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5897 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS795 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Winter 2011 **COURSE DESC:** Special problems in advanced computer science topics. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 795
	VERSION: REV **COURSE:** CS6970 - Independent Study in Computer Science **STUDENT REC TITLE:** Independent Study in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in computer science. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3723 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 6/10/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS701 - Database Systems and Design **STUDENT REC TITLE:** Database Sys & Design **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to basic goals and techniques in the design and implementation of information retrieval systems. Input, file organization, search strategies, output, language design, and evaluation techniques are covered. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CS 605 QTR EQUIV: CS 801
	VERSION: CURR **COURSE:** CS801 - Advanced Topics in Database Systems **STUDENT REC TITLE:** Adv topic in Database Sys **EFFECTIVE:** Fall 2010 **COURSE DESC:** Continuation of CS 701 with emphasis on relational databases and distributed systems. Current literature will be reviewed. At least one programming project bridging the gap from theory to practice. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CS 605 QTR EQUIV: CS 801
	VERSION: REV **COURSE:** CS7700 - Advanced Database Systems **STUDENT REC TITLE:** Adv. Database Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction of design concepts, operating principles, current trends, and research issues in database systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 4700 or CS 6700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3723 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 6/10/10 **APPROVED:** 8/30/10 WorkFlow	QTR PREREQ: CS 605 QTR EQUIV: CS 801

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2055 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 2/11/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS705 - Data Mining **STUDENT REC TITLE:** Data Mining **EFFECTIVE:** Spring 2010 **COURSE DESC:** Data forms, data preparation, cleaning, feature selection, diseretization, high-level statistical analysis; associations; calssification; clustering, data cubes; interestingness, cross-validation; visualization; scalability; privacy and ethics; applications. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level CS 605 or CS 609 QTR EQUIV: CS 705
	VERSION: REV **COURSE:** CS7720 - Data Mining **STUDENT REC TITLE:** Data Mining **EFFECTIVE:** Fall 2012 **COURSE DESC:** Data mining is concerned with the extraction of novel and useful knowledge from large amounts of data. This course studies the fundamental and advanced concepts, principles, issues, tasks and techniques of data mining. Topics include data preparation, data mining for various knowledge types, data mining from various data types and applications, evaluation and validation, scalability. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CS 4700 or CS 6700 or CS 4850 or CS 6850 QTR PREREQ: Graduate level CS 605 or CS 609 QTR EQUIV: CS 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1899 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/26/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS707 - Information Retrieval **STUDENT REC TITLE:** Information Retrieval **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course covers models for information retrieval, techniques for indexing and searching, algorithms for classification and clustering, latent semantic indexing, link analysis and ranking. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level CS 600 QTR EQUIV: CS 707
	VERSION: REV **COURSE:** CS7800 - Information Retrieval **STUDENT REC TITLE:** Information Retrieval **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course covers foundations of information retrieval systems. Specifically, it discusses models for information retrieval; techniques for indexing and searching; design, implementation, and evaluation of web search engine; and algorithms for classification and clustering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: CS 3100 or CS 5100 QTR PREREQ: Graduate level CS 600 QTR EQUIV: CS 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1896 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/26/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS784 - Programming Languages **STUDENT REC TITLE:** Programming Languages **EFFECTIVE:** Spring 2010 **COURSE DESC:** Programming paradigms and concepts for high level programming languages. Techniques for formal specification. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 680 QTR EQUIV: CS 784
	VERSION: REV **COURSE:** CS7100 - Advanced Programming Languages **STUDENT REC TITLE:** Adv. Prog. Languages **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides a solid foundation in programming language specification and design. It covers different programming paradigms, algebraic specification and implementation of data types, and develops interpreters for specifying operationally various programming language constructs. It also introduces attribute grammar formalism and axiomatic basis for computer programming. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 3180 or CS 5180 QTR PREREQ: Graduate level CS 680 QTR EQUIV: CS 784

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1897 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/26/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS776 - Functional Programming **STUDENT REC TITLE:** Functional Programming **EFFECTIVE:** Spring 2010 **COURSE DESC:** In-depth look at functional programming techniques, and functional languages and their implementation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 680 QTR EQUIV: CS 776
	VERSION: REV **COURSE:** CS7120 - Functional and Logic Programming **STUDENT REC TITLE:** Functional & Logic Prog. **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will discuss concepts of functional programming such as recursive definitions, polymorphic type inference, abstract data types, induction, etc. and concepts of logic programming such as model-theoretic semantics, logical deduction, backtracking, negation as failure, etc. The programming exercises will illustrate the utility of list-processing, pattern matching, abstraction of data/control, typing, etc. for problem solving. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 3180 or CS 5180 QTR PREREQ: Graduate level CS 680 QTR EQUIV: CS 776

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1934 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/27/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** CS714 - Machine Learning I **STUDENT REC TITLE:** Machine Learning I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reviews the development of machine learning paradigms. Introductory topics include parameter adjustment methods, signature tables, and the application of genetic algorithms to artificial intelligence problem domains. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 609 and Statistics 360? QTR EQUIV: CS 714
	VERSION: REV **COURSE:** CS7830 - Machine Learning **STUDENT REC TITLE:** Machine Learning **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reviews the development of machine learning paradigms. Introductory topics include parameter adjustment methods, signature tables, and the application of genetic algorithms to artificial intelligence problem domains. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 4850 or CS 6850 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level CS 609 and Statistics 360? QTR EQUIV: CS 714

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2856 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 4/22/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** CS7140 - Advanced Software Engineering **STUDENT REC TITLE:** Adv Software Engineering **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course covers advanced topics in software engineering. Aspects of problem specification, design, verification, and evaluation are discussed. We will focus on design methods, including software patterns and software architecture, plus some advanced topics involving formal methods of software specification or evaluation using software metrics. Students will participate in team projects to apply the methods discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci. ADD INFO: This is the semester version of CEG 760 Advanced Software Engineering, but the workflow system does not permit changing prefixes. SEM PREREQ: CEG 4110 or CEG 6110 QTR PREREQ: CEG 660 QTR EQUIV: CEG 760

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1892 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/26/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS840 - Advanced Topics in the Theory of Computation **STUDENT REC TITLE:** Adv Topic-Theory of Compu **EFFECTIVE:** Spring 2010 **COURSE DESC:** Continuation of CS 610, 666, and 740. Covers advanced topics taken from formal language theory, predicate calculus, algorithm analysis, and complexity theory. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CS 600 QTR EQUIV: CS 840
	VERSION: REV **COURSE:** CS7200 - Algorithm Design and Analysis **STUDENT REC TITLE:** Alg. Design and Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of algorithmic methods and associated computational complexity for problem solving. Techniques include divide and conquer methods, greedy algorithms, dynamic programming, and parallel algorithms. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 3100 or CS 5100 QTR PREREQ: Graduate level CS 600 QTR EQUIV: CS 840

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1891 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/26/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** CS740 - Computational Complexity and Algorithm Analysis **STUDENT REC TITLE:** Comp Complex & Algorithm **EFFECTIVE:** Spring 2010 **COURSE DESC:** Time complexity analysis of algorithms; computational complexity; NP completeness. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CS 410 or CS 610 QTR EQUIV: CS 740
	VERSION: REV **COURSE:** CS7220 - Computability and Complexity **STUDENT REC TITLE:** Computability/Complexity **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of computability theory. Undecidability. Time and space complexity. Cook's Theorem and NP completeness. Approximation strategies for intractable problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 3200 or CS 5200 QTR PREREQ: CS 410 or CS 610 QTR EQUIV: CS 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8369 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** REV **COURSE:** CS7600 - Trust Networks **STUDENT REC TITLE:** Trust Networks **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will introduce the fundamental concepts relevant to trust and security, and explore trust management issues in the context of interpersonal, sensor, and social networks. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: College of Egr & Computer Science and Graduate student status

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3031 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 5/4/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** CS765 - Foundations of Neurocomputing **STUDENT REC TITLE:** Foundations of Neurocomp **EFFECTIVE:** Spring 2010 **COURSE DESC:** Information processing in neural networks as a mode of computation complementary to symbolic artificial intelligence, emphasizing common ideas across different network architectures. Current applications in machine learning and spatiotemporal pattern recognition will be evaluated. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: MTH 232 and MTH 253 and Graduate level CS 600 QTR EQUIV: CS 766
	VERSION: REV **COURSE:** CS7840 - Soft Computing **STUDENT REC TITLE:** Soft Computing **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores soft computing from a historical, theoretical, and an application viewpoint. Techniques including evolutionary computation, neural computation, fuzzy set theory and approximate reasoning applied to problems in control, optimization, and classification are presented. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: CS 3100 or CS 5100 QTR PREREQ: MTH 232 and MTH 253 and Graduate level CS 600 QTR EQUIV: CS 766

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1895 **STATUS:** Complete **CREATOR:** Paula Price **CREATED:** 1/26/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** CS7810 - Knowledge Representation and Reasoning **STUDENT REC TITLE:** Knowledge Representation **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course provides an introduction to how to represent knowledge and how to use it for automated reasoning. Currently, the primary focus is on Knowledge Representation for the Semantic Web, and as such representation languages for Ontologies will be covered in depth. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4301 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 7/21/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** CS875 - Semantic Web **STUDENT REC TITLE:** Semantic Web **EFFECTIVE:** Fall 2010 **COURSE DESC:** Semantic web extends current web using research in fields such as knowledge representation, AI, and database. Data is made meaningful and machine processable, leading to next generation of search, integration, and analysis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CS 600 or CS 605 or CS 701 or CS 609 QTR EQUIV: CS 875
	VERSION: REV **COURSE:** CS7820 - Advanced Topics in Semantic Web **STUDENT REC TITLE:** Semantic Web **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is about the Semantic Web, a key enabler of Web 3.0. It goes beyond the recent language standards of RDF and OWL to understand new techniques, technologies and algorithms for making a broad variety of data meaningful and more amenable to processing by humans and machines (on the Web, as Web services, generated on social networks or generated by sensors and mobile devices). Topics covered include research in semantic search, browsing, integration, analysis and discovery. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 2 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Students are highly encouraged to meet or communicate with the instructor before registering. Exception from prerequisites is also possible upon demonstration of requisite background. SEM PREREQ: CS 7810 or CS 7800 QTR PREREQ: CS 600 or CS 605 or CS 701 or CS 609 QTR EQUIV: CS 875

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8373 **STATUS:** Complete **CREATOR:** Wendy Chetcuti **CREATED:** 2/1/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** REV **COURSE:** CS7850 - Privacy Aware Computing **STUDENT REC TITLE:** Privacy Aware Computing **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will introduce the fundamental problems with data privacy and security in large scale data intensive distributed computing, and the existing techniques used to protect data privacy and security. Students will be exposed to the latest research problems in this area. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: College of Egr & Computer Science, Graduate student status ADD INFO: Basic knowledge in statistics, data mining, machine learning, data management, and distributed computing recommended.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5910 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/17/11 WorkFlow	**VERSION:** CURR **COURSE:** CS789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Winter 2011 **COURSE DESC:** **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 789
	VERSION: REV **COURSE:** CS8980 - Continuing Registration in Computer Science **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuing registration in computer science. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5898 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS790 - Selected Topics in Computer Science **STUDENT REC TITLE:** Selected Topics Comp Sci: **EFFECTIVE:** Winter 2011 **COURSE DESC:** Lectures on and study of selected topics in current research and recent developments in computer science. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 790
	VERSION: REV **COURSE:** CS7900 - Special Topics in Computer Science **STUDENT REC TITLE:** Special Topics in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special topics in computer science **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CS 790

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5899 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS795 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Winter 2011 **COURSE DESC:** Special problems in advanced computer science topics. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 795
	VERSION: REV **COURSE:** CS7920 - Independent Study in Computer Science **STUDENT REC TITLE:** Independent Study in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in computer science. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5900 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS799 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Winter 2011 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Master of Sci in Engineering Master of Sci in Computer Egr Master of Arts Master of Science Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 799
	VERSION: REV **COURSE:** CS7950 - Master's Thesis Research in Computer Science **STUDENT REC TITLE:** MSCS Thesis Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Master's thesis research in computer science **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5901 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS890 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Selected topics in computer science and engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 890
	VERSION: REV **COURSE:** CS8900 - Special Topics in Computer Science **STUDENT REC TITLE:** Special Topics in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special topics in computer science. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CS 890

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5902 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS891 - PhD Seminar **STUDENT REC TITLE:** PhD Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** Registration in the Ph.D. seminar is required of all students seeking the Ph.D. in computer science and engineering. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 891
	VERSION: REV **COURSE:** CS8910 - PhD Seminar in Computer Science **STUDENT REC TITLE:** PhD Seminar in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar discussion of current research in computer science. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. QTR EQUIV: CS 891

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5905 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS892 - PhD Qualifying Exam **STUDENT REC TITLE:** PhD Qualifying Exam **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examination that tests understanding of the fundamentals necessary to begin concentrated study in chosen Ph.D. research area. Composed of written tests and an oral exam. Must be passed within two attempts. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 892
	VERSION: REV **COURSE:** CS8930 - PhD Qualifying Exam **STUDENT REC TITLE:** PhD Qualifying Exam **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination that tests understanding of the fundamentals necessary to begin concentrated study in chosen Ph.D. research area. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 892

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5904 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/17/11 WorkFlow	**VERSION:** CURR **COURSE:** CS895 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Winter 2011 **COURSE DESC:** Independent study in a chosen area for Ph.D. research. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 895
	VERSION: REV **COURSE:** CS8920 - Independent Study in Computer Science **STUDENT REC TITLE:** Independent Study in CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in computer science. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 895

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5907 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/17/11 WorkFlow	**VERSION:** CURR **COURSE:** CS894 - Candidacy Exam **STUDENT REC TITLE:** Candidacy Exam **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examination that tests for depth of understanding in a chosen computer science and computer engineering research area. Includes a written proposal for a Ph.D. topic and an oral examination, that is open to the public. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 894
	VERSION: REV **COURSE:** CS8960 - PhD Candidacy Exam **STUDENT REC TITLE:** PhD Candidacy Exam **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination that tests for depth of understanding in a chosen computer science and computer engineering research area. Includes a written proposal for a Ph.D. topic and an oral examination, that is open to the public. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 894

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5906 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS897 - Residency Research **STUDENT REC TITLE:** Residency Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** Research on the Ph.D. dissertation topic taken in residence. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 897
	VERSION: REV **COURSE:** CS8940 - Residency Research in Computer Science **STUDENT REC TITLE:** Residency Research - CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research on the Ph.D. dissertation topic taken in residence. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 897

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5909 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS898 - Dissertation Research **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** Research on the Ph.D. dissertation topic not taken in residence. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 898
	VERSION: REV **COURSE:** CS8950 - Dissertation Research in Computer Science **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research on the approved Ph.D. dissertation topic. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 898

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5908 **STATUS:** Complete **CREATOR:** Laurence Merkle **CREATED:** 10/1/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** CS896 - Dissertation Defense **STUDENT REC TITLE:** Dissertation Defense **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examination on the Ph.D. dissertation. The written dissertation is submitted and must be successfully defended in the oral exam conducted by the dissertation committee. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: CS 896
	VERSION: REV **COURSE:** CS8990 - Dissertation Defense **STUDENT REC TITLE:** Dissertation Defense **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination on the Ph.D. dissertation. The written dissertation is submitted and must be successfully defended in the oral exam that is conducted by the dissertation committee and open to the public. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission. QTR EQUIV: CS 896

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1214 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CTE671 - Pre-Service Workshop for First-Year Career & Technical Education Teachers **STUDENT REC TITLE:** Pre-Serv Wkshp in CTE **EFFECTIVE:** Winter 2010 **COURSE DESC:** For beginning CTE teachers who possess occupational experience yet have limited or no formal training in an education setting. Teachers will learn basic teaching skills and knowledge required for their new role as educators. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: CTE 671
	VERSION: REV **COURSE:** CTE6000 - Pre-Service Workshop for CTE Teachers **STUDENT REC TITLE:** Pre-Serv Wkshp for CTE **EFFECTIVE:** Fall 2012 **COURSE DESC:** For beginning CTE teachers with occupational experience and limited or no formal training in an education setting. Explores teaching pedagogy, knowledge and skills required for new role as CTE educator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Career, Technical & Adult Education XLIST: CTE 4000 QTR EQUIV: CTE 671

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1215 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CTE621 - The Learning Environment **STUDENT REC TITLE:** The Learning Environment **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course will focus on examination, discussion, application and reporting of best practices related to instructional strategies. Students will learn techniques that maximize instructional time, and reflect on the learning environment they provide. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CTE 400 QTR EQUIV: CTE 621
	VERSION: REV **COURSE:** CTE6100 - Learning Environment **STUDENT REC TITLE:** Learning Environment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination, discussion, application and reporting of best practices for creating an environment conducive to learning and achievement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Career, Technical & Adult Education SEM PREREQ: CTE 6000 COREQ: CTE 6150 XLIST: CTE 4100 QTR PREREQ: CTE 400 QTR EQUIV: CTE 621

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1217 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** CTE672 - Clincial Practice I For Graduate Students **STUDENT REC TITLE:** Clin Prac I - Grad **EFFECTIVE:** Winter 2010 **COURSE DESC:** Demonstration of proficiencies outlined in the Ohio Performance-Based Teacher Licensure Standards. For teachers that posess business/industry experience and have been hired to teach a Career & Technical Education program area. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CTE 671 QTR EQUIV: CTE 672
	VERSION: REV **COURSE:** CTE6150 - Career & Technical Education Practicum - Grad **STUDENT REC TITLE:** CTE Practicum - Grad **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teaching experience integrated with academic instruction; application of learned concepts to practical situations within the candidates teaching field. Coordinated by a university faculty member who observes the candidate in a school setting. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Career, Technical & Adult Education SEM PREREQ: CTE 6000 COREQ: CTE 6100 XLIST: CTE 4150 SPC FEE: Ed Field Exp Course Fee (2002), $825 QTR PREREQ: CTE 671 QTR EQUIV: CTE 672

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1218 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CTE631 - Assessment & Instruction **STUDENT REC TITLE:** Assessment & Instruction **EFFECTIVE:** Winter 2010 **COURSE DESC:** Curriculum standards determine outcome, assessments chart progress toward the standards, and instruction supports students in completing assignments. Participants will develop assessments that measure achievement so that student evaluation becomes part of the learning process. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CTE 671 QTR EQUIV: CTE675/631
	VERSION: REV **COURSE:** CTE6250 - Curriculum & Assessment **STUDENT REC TITLE:** Curriculum & Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Investigates ways in which schools approach curriculum, assessment and continuous improvement. Includes alignment of standards with curriculum, instruction and assessments, increased attention to student learning and increased faculty collaboration. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Career, Technical & Adult Education ADD INFO: Merged CTE 631 Assessment & Instruction and CTE 675 Prioritizing & Mapping Curriculum SEM PREREQ: CTE 6000 XLIST: CTE 4250 QTR PREREQ: CTE 671 QTR EQUIV: CTE675/631

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1219 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** REV **COURSE:** CTE6350 - Global Engagement **STUDENT REC TITLE:** Global Engagement **EFFECTIVE:** Fall 2012 **COURSE DESC:** Strengthening partnerships, coordinating efforts and increasing interaction within and outside the CTE community versus learning and working in seclusion. Enhancing students abilities to engage in job-related problem-solving and decision-making in diverse cultures and environments. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Career, Technical ADD INFO: new course XLIST: CTE 4350 QTR PREREQ: CTE 6000

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1221 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** CTE651 - Overview of Career and Technical Education **STUDENT REC TITLE:** Overview of CTE **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of Carerr and Technical Education incuding (but not limited to): Philosophy of CTE; federal legislation; legal issues; special needs; professional and student organizations; current issues in CTE. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CTE 671 QTR EQUIV: CTE651/611
	VERSION: REV **COURSE:** CTE6450 - Essentials of CTE **STUDENT REC TITLE:** Essentials of CTE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores a historical timeline from vocational apprentice to CTE, federal legislation, legal issues, special needs, professional and student organizations, current issues, and the philosophy of CTE. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Career, Technical & Adult Education ADD INFO: Merged CTE 651 Overview of Career & Technical Education and CTE 611 Communication Techniques SEM PREREQ: CTE 6000 XLIST: CTE 4450 QTR PREREQ: CTE 671 QTR EQUIV: CTE651/611

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1226 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** CTE6900 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study for CTE candidates. Topics vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 0 RESTRICTION: Department permission required ADD INFO: new course XLIST: CTE 4900

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6501 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 11/8/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** CTE7300 - Research in CTE **STUDENT REC TITLE:** Research in CTE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Review of current and historical research articles, research writing and APA style. Candidates will develop and complete a masters inquiry project that will impact teaching, and undergo an exit exam. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Career, Technical & Adult Education - MEd. QTR PREREQ: EDL 7510

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
285 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC509 - Statistics for Economics **STUDENT REC TITLE:** Statistics for Economics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Elementary statistical concepts for economic applications. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: EC 509
	VERSION: REV **COURSE:** EC5090 - Statistics for Economics **STUDENT REC TITLE:** Statistics for Economics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Elementary statistical concepts for economic applications. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing QTR EQUIV: EC 509

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
286 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC510 - Math for Economics **STUDENT REC TITLE:** Math for Economics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Algebra and calculus preparation for economics applications. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC5100 - Math for Economics **STUDENT REC TITLE:** Math for Economics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Algebra and calculus preparation for economics applications. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
287 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC521 - Graduate Survey in Principles of Economics **STUDENT REC TITLE:** Grad Surv Prin of Econ **EFFECTIVE:** Winter 2010 **COURSE DESC:** Economics of the individual firm in competitive and monopolistic markets. How prices ration goods and services and the principles on which the total product is divided among the owners of the factors of production. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC5210 - Graduate Survey in Principles of Microeconomics **STUDENT REC TITLE:** Grad Surv Prin of Micro **EFFECTIVE:** Fall 2012 **COURSE DESC:** Economics of the individual firm in competitive and monopolistic markets. How prices ration goods and services and the principles on which the total product is divided among the owners of the factors of production. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
283 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC522 - Graduate Survey in Principles of Economics **STUDENT REC TITLE:** Grad Surv Prin of Econ **EFFECTIVE:** Winter 2010 **COURSE DESC:** The aggregate economy and how it influences business decisions. The forces that determine the behavior of national income and output, unemployment and the price level. Money, monetary and fiscal policy and growth. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC5220 - Graduate Survey in Principles of Macroeconomics **STUDENT REC TITLE:** Grad Surv Princ of Macro **EFFECTIVE:** Fall 2012 **COURSE DESC:** The aggregate economy and how it influences business decisions. The forces that determine the behavior of national income and output, unemployment and the price level. Money, monetary and fiscal policy and growth. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing ADD INFO: Administer as either 14 week course or 7 week course.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
273 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC635 - Comparative Capitalist Institutions **STUDENT REC TITLE:** Comparative Capital Inst **EFFECTIVE:** Winter 2010 **COURSE DESC:** Compares economic institutions of industrialized countries including the newly industrialized countries (NIC's). Addresses such issues as industrial relations, roles of state, methods of corporate finance, and social safety nets. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level EC 521 Minimum Grade of C and Graduate level EC 522 Minimum Grade of C QTR EQUIV: EC 635
	VERSION: REV **COURSE:** EC6350 - Comparative Capitalist Institutions **STUDENT REC TITLE:** Comparative Capital Inst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Compares economic institutions of industrialized countries including the newly industrialized countries (NIC's). Addresses such issues as industrial relations, roles of state, methods of corporate finance, and social safety nets. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Prerequisites waived for equivalent coursework or permission of instructor. SEM PREREQ: EC 5210 Minimum Grade of C and EC 5220 Minimum Grade of C XLIST: EC 4350 QTR PREREQ: Graduate level EC 521 Minimum Grade of C and Graduate level EC 522 Minimum Grade of C QTR EQUIV: EC 635

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
257 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC644 - Problems of Economic Development and Transition **STUDENT REC TITLE:** Prob Ec Dev & Transition **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course explores the problems of economic development in the third world and in economies in transition from socialism. Topics include hunger, unemployment, environmental degradation, privatization, gender, and ethnicity. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level EC 521 Minimum Grade of C and Graduate level EC 522 Minimum Grade of C QTR EQUIV: EC 644
	VERSION: REV **COURSE:** EC6440 - Problems in Economic Development **STUDENT REC TITLE:** Prob in Ec Development **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores the problems of economic development in the third world and in economies in transition from socialism. Topics include hunger, unemployment, environmental degradation, privatization, gender, and ethnicity. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing ADD INFO: Prerequisites waived for equivalent courses or permission of instructor. SEM PREREQ: EC 5210 Minimum Grade of C and EC 5220 Minimum Grade of C XLIST: EC 4440 QTR PREREQ: Graduate level EC 521 Minimum Grade of C and Graduate level EC 522 Minimum Grade of C QTR EQUIV: EC 644

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
260 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC645 - Political Economy of Women **STUDENT REC TITLE:** Political Econ of Women **EFFECTIVE:** Winter 2010 **COURSE DESC:** Provides feminist understanding of women's economic roles and contributions in the context of globalization. Explores importance of social location - race, gender, class, nationality - in economic processes shaping family life, paid employment, and international market relations. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EC 521 Minimum Grade of C and Graduate level EC 522 Minimum Grade of C QTR EQUIV: EC 645
	VERSION: REV **COURSE:** EC6450 - Political Economy of Women **STUDENT REC TITLE:** Political Econ of Women **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides feminist understanding of women's economic roles and contributions in the context of globalization. Explores importance of social location - race, gender, class, nationality - in economic processes shaping family life, paid employment, and international market relations. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing ADD INFO: Prerequisites waived for equivalent coursework or permission of instructor. SEM PREREQ: EC 5210 Minimum Grade of C and EC 5220 Minimum Grade of C XLIST: EC 4450 QTR PREREQ: Graduate level EC 521 Minimum Grade of C and Graduate level EC 522 Minimum Grade of C QTR EQUIV: EC 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
350 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/16/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC646 - Gender and Economic Policy in International Comparison **STUDENT REC TITLE:** Gender Econ Policy Intl **EFFECTIVE:** Winter 2010 **COURSE DESC:** Overview of feminist analysis of economic policy in developing and developed nations. Topics include: valuing women's upaid work, gender bias in public spending, tax policy, property rights, population policy, and regulation of advertising. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level EC 521 Minimum Grade of C and Graduate level EC 522 Minimum Grade of C QTR EQUIV: EC 646
	VERSION: REV **COURSE:** EC6460 - Gender and Economic Policy in International Compar **STUDENT REC TITLE:** Gender Econ Policy Intl **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of feminist analysis of economic policy in developing and developed nations. Topics include: valuing women's upaid work, gender bias in public spending, tax policy, property rights, population policy, and regulation of advertising. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing ADD INFO: Prerequisites waived for equivalent courses or permission of instructor. SEM PREREQ: EC 5210 Minimum Grade of C and EC 5220 Minimum Grade of C XLIST: EC 4460 QTR PREREQ: Graduate level EC 521 Minimum Grade of C and Graduate level EC 522 Minimum Grade of C QTR EQUIV: EC 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
247 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC709 - Econometrics and its Applications **STUDENT REC TITLE:** Applied Econometrics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Application of economic theory, mathematical modeling, and statistics to the measurement and forecasting of economic relationships. Emphasis is on specification, estimation, and hypothesis testing. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7090 - Econometrics and its Applications **STUDENT REC TITLE:** Applied Econometrics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of economic theory, mathematical modeling, and statistics to the measurement and forecasting of economic relationships. Emphasis is on specification, estimation, and hypothesis testing. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5010, EC 5210 and EC 5220 (or equivalent courses); or permission of instructor

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7010 **STATUS:** Complete **CREATOR:** Tammy Boatman **CREATED:** 1/25/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** REV **COURSE:** EC7100 - Mathematical Methods for Economics **STUDENT REC TITLE:** Math Methods for Econ **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will introduce students to the major mathematical methods that are used to represent economic theories in modern economics, and how these methods are used to analyze problems posed in economics. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing SEM PREREQ: EC 5090, EC 5100, EC 5210, and EC 5220

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
210 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC712 - Forecasting Economic Activities **STUDENT REC TITLE:** Forecast Econ Activities **EFFECTIVE:** Winter 2010 **COURSE DESC:** Techniques and theories used in forecasting. Practical methods and problems are stressed. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: EC 609
	VERSION: REV **COURSE:** EC7120 - Time Series Analysis and Economic Forecasting **STUDENT REC TITLE:** Economic Forecasting **EFFECTIVE:** Fall 2012 **COURSE DESC:** Techniques and theories used in forecasting. Practical methods and problems are stressed. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, EC 5220, and EC 7090 (or equivalent courses) QTR PREREQ: EC 609

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
212 **STATUS:** Complete **CREATOR:** Tammy Boatman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC715 - Applied Microeconomics **STUDENT REC TITLE:** Applied Microeconomics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Emphasis on advanced microeconomics applications in consumption/work decisions of households, production/pricing strategies of firms, and public policy toward businesses. Special attention paid to the roles of labor unions/not-for-profit firms. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7150 - Applied Microeconomics **STUDENT REC TITLE:** Applied Microeconomics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasis on advanced microeconomics applications in consumption/work decisions of households, production/pricing strategies of firms, and public policy toward businesses. Special attention paid to the roles of labor unions/not-for-profit firms. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, and EC 5220 (or equivalent courses)

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
241 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC717 - Applied Macroeconomics **STUDENT REC TITLE:** Applied Macroeconomics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Emphasis is on modern views on fiscal and monetary policy in an open economy. Interrelationships between interest rates, unemployment, economic growth, inflation, and balance of payments are highlighted. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7170 - Applied Macroeconomics Analysis **STUDENT REC TITLE:** Applied Macroecon Analy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasis is on modern views on fiscal and monetary policy in an open economy. Interrelationships between interest rates, unemployment, economic growth, inflation, and balance of payments are highlighted. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5010, EC 5210, and EC 5220 (or equivalent coursework)

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
213 **STATUS:** Complete **CREATOR:** Tammy Boatman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC719 - International Economics **STUDENT REC TITLE:** International Economics **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course covers trade theories, commercial policy, and theories of international investment and migration, theories of exchange rate determination and open macroeconomics. Special attention is paid to international economic institutions and current financial crises. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level EC 715 and Graduate level EC 717
	VERSION: REV **COURSE:** EC7190 - International Economics **STUDENT REC TITLE:** International Economics **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course covers trade theories, commercial policy, and theories of international investment and migration, theories of exchange rate determination and open macroeconomics. Special attention is paid to international economic institutions and current financial crises. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, EC 5220, EC 7150, and EC 7170 (or equivalent courses); or by permission of instructor QTR PREREQ: Graduate level EC 715 and Graduate level EC 717

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
248 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** EC722 - Economics for Managers **STUDENT REC TITLE:** Economics for Managers **EFFECTIVE:** Winter 2010 **COURSE DESC:** Applies economic theory and methods to business and administrative decision making. Prescribes rules for improving managerial decisions. Tells managers how things should be done to achieve organizational objectives efficiently. Also helps managers recognize how macroeconomic forces affect organizations, and describes the economic consequences of managerial behavior. Special attention is paid to the operation of the firm in a global economy. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: EC 722
	VERSION: REV **COURSE:** MBA7220 - Economics for Managers **STUDENT REC TITLE:** Economics for Managers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Applies economic theory and methods to business and administrative decision making. Prescribes rules for improving managerial decisions. Tells managers how things should be done to achieve organizational objectives efficiently. Also helps managers recognize how macroeconomic forces affect organizations, and describes the economic consequences of managerial behavior. Special attention is paid to the operation of the firm in a global economy. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: MBA 5200 Minimum Grade C and MBA 5800 Minimum Grade C QTR EQUIV: EC 722

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
216 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC724 - Development of Economic Thought **STUDENT REC TITLE:** Develmnt of Ec Thought **EFFECTIVE:** Winter 2010 **COURSE DESC:** Historical development of economic thought and philosophies. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7240 - Development of Economic Thought **STUDENT REC TITLE:** Develmnt of Ec Thought **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical development of economic thought and philosophies. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5010, EC 5210 and EC 5220; or permission of instructor

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
217 **STATUS:** Complete **CREATOR:** Tammy Boatman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC725 - Economic, Social and Ecological Systems **STUDENT REC TITLE:** Econ Social & Eco Sys **EFFECTIVE:** Winter 2010 **COURSE DESC:** Economies as subsystems of social systems and ecosystems. Karl Polanyi's and Douglass North's analyses of institutions and feedbacks between economy and culture. Human ecology and ecological economics perspectives on feedbacks between economy and ecology. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level EC 724
	VERSION: REV **COURSE:** EC7250 - Economic, Social and Ecological Systems **STUDENT REC TITLE:** Econ Social & Eco Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Economies as subsystems of social systems and ecosystems. Karl Polanyi's and Douglass North's analyses of institutions and feedbacks between economy and culture. Human ecology and ecological economics perspectives on feedbacks between economy and ecology. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, EC 5220, EC 7150 and EC 7170 (or equivalent courses); or by permission of instructor QTR PREREQ: Graduate level EC 724

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
220 **STATUS:** Complete **CREATOR:** Tammy Boatman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC726 - Contemporary Political Economy **STUDENT REC TITLE:** Contemp Political Econ **EFFECTIVE:** Winter 2010 **COURSE DESC:** A political, social and economic analysis that questions, critiques, and provides alternative perspectives to orthodox economic theory. Studies groups, their systematic interrelations, and their impact on political, economic and social structures, practices, and outcomes. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level EC 724
	VERSION: REV **COURSE:** EC7260 - Contemporary Political Economy **STUDENT REC TITLE:** Contemp Political Econ **EFFECTIVE:** Fall 2012 **COURSE DESC:** A political, social and economic analysis that questions, critiques, and provides alternative perspectives to orthodox economic theory. Studies groups, their systematic interrelations, and their impact on political, economic and social structures, practices, and outcomes. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing SEM PREREQ: EC 5090, EC 5100, EC 5210, EC 5220, EC 7150 and EC 7170 (or equivalent courses) QTR PREREQ: Graduate level EC 724

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
221 **STATUS:** Complete **CREATOR:** Tammy Boatman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC728 - Economics of Innovation **STUDENT REC TITLE:** Economics of Innovation **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EC7280 - Economics of Innovation **STUDENT REC TITLE:** Economics of Innovation **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course discusses the literature on technological change, economic growth, globalization and long wave cycles. Distortions in allocating resources to provide knowledge goods and innovations are discussed. Topics include entrepreneurship, intellectual property, network economices, and technology-clusters. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5210 and EC 5220 (or equivalent courses)

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
224 **STATUS:** Complete **CREATOR:** Tammy Boatman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC730 - Regional and Urban Economics **STUDENT REC TITLE:** Regional & Urban Econ **EFFECTIVE:** Winter 2010 **COURSE DESC:** Analysis of the basic forces that shape the economic, social, and physical environments of urban and nonurban regions. Emphasis on regional income determination and developmental models, location of economic activity, the structure of urban centers, intra-urban economic relationships, and economic policy. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7300 - Regional and Urban Economics **STUDENT REC TITLE:** Regional & Urban Econ **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of the basic forces that shape the economic, social, and physical environments of urban and nonurban regions. Emphasis on regional income determination and developmental models, location of economic activity, the structure of urban centers, intra-urban economic relationships, and economic policy. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: EC 5090, EC 5100, EC 5210, and EC 5220; or equivalent coursework; or permission of instructor

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
225 **STATUS:** Complete **CREATOR:** Tammy Boatman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC731 - Economics of Public Finance **STUDENT REC TITLE:** Economics Public Finance **EFFECTIVE:** Winter 2010 **COURSE DESC:** Develops a theoretical framework and working knowledge of the economic basis for government activities, government expenditures, programs, and policies, and the financing of government expenditures through taxation. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EC7310 - Economics of Public Finance **STUDENT REC TITLE:** Economics Public Finance **EFFECTIVE:** Fall 2012 **COURSE DESC:** Develops a theoretical framework and working knowledge of the economic basis for government activities, government expenditures, programs, and policies, and the financing of government expenditures through taxation. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, and EC 5220 (or equivalent courses)

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
289 **STATUS:** Complete **CREATOR:** Tammy Boatman **CREATED:** 11/6/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC740 - Cost-Benefit Analysis and Social Project Evaluation **STUDENT REC TITLE:** Cost-Benefit Analysis **EFFECTIVE:** Winter 2010 **COURSE DESC:** Measurement of benefits and costs of both public and private projects with significant public implications. Includes conceptual issues and focuses on practical application, including specific cost-benefit studies. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7400 - Cost-Benefit Analysis **STUDENT REC TITLE:** Cost-Benefit Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Measurement of benefits and costs of both public and private projects with significant public implications. Includes conceptual issues and focuses on practical application, including specific cost-benefit studies. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5210, and EC 5220 (or equivalent coursework; or permission of instructor

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
227 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC755 - The Economics of Health and Health Policy **STUDENT REC TITLE:** Ec of Health & Health Pol **EFFECTIVE:** Winter 2010 **COURSE DESC:** Teaches students how alternative incentive systems and resource allocations affect the health services sector. Emphasis on current institutional arrangements, empirical studies, and policy alternatives. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EC7550 - The Economics of Health and Health Policy **STUDENT REC TITLE:** Ec of Health & Health Po **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teaches students how alternative incentive systems and resource allocations affect the health services sector. Emphasis on current institutional arrangements, empirical studies, and policy alternatives. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Preference given to students enrolled in the Health Care Management Concentration (MBA), Public Health Management Concentration (MPH) and Health Care Management Certificate Program. Graduate Standing SPC FEE: MPH Program Fee (2030), $153

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
228 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC777 - Economic Studies **STUDENT REC TITLE:** Economic Studies **EFFECTIVE:** Winter 2010 **COURSE DESC:** An examination of special issues. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7770 - Economic Studies **STUDENT REC TITLE:** Economic Studies **EFFECTIVE:** Fall 2012 **COURSE DESC:** An examination of special issues. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5210 and EC 5220, or equivalent coursework, or permission of instructor

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
229 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/4/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC780 - Economic Problems Seminar **STUDENT REC TITLE:** Ec Problems Seminar **EFFECTIVE:** Winter 2010 **COURSE DESC:** Titles vary. Six hours of seminar must be selected from the following topics: economics of the workforce; regional and urban problems; environmental issues; technological change; economic development; economics of poverty; and income maintenance. Completion of introductory statistics course or equivalent 600-level survey course required. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level EC 715 and Graduate level EC 717 and Graduate level EC 709
	VERSION: REV **COURSE:** EC7800 - Economic Problems Seminar **STUDENT REC TITLE:** Ec Problems Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Titles vary. Six hours of seminar must be selected from the following topics: economics of the workforce; regional and urban problems; environmental issues; technological change; economic development; economics of poverty; and income maintenance. Completion of introductory statistics course or equivalent 600-level survey course required. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, EC 5220, EC 7150, EC 7170, and EC 7090 (or equivalent courses) QTR PREREQ: Graduate level EC 715 and Graduate level EC 717 and Graduate level EC 709

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
231 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC781 - Reserach in Economics **STUDENT REC TITLE:** Reserach in Economics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Titles vary. Intensive reading or research in selected fields of advanced economics. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7810 - Research in Economics I **STUDENT REC TITLE:** Research in Economics I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Titles vary. Intensive reading or research in selected fields of advanced economics. **COLLEGE:** Raj Soin College of Business **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, and EC 5220 (or equivalent courses). Completion of EC 7150, EC 7170, and 6 hours of other core courses (total of 12 hours completed in core); or permission of instructor

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
232 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC782 - Research in Economics **STUDENT REC TITLE:** Research in Economics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Intensive reading or research in selected fields of economics. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7820 - Research in Economics II **STUDENT REC TITLE:** Research in Economics II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Titles vary. Intensive reading or research in selected fields of economics. **COLLEGE:** Raj Soin College of Business **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, and EC 5220 (or equivalent courses). Completion of EC 7150, EC 7170, and 6 hours of other core courses (total of 12 hours completed in core); or permission of instructor & Approval by Graduate Studies Committee. EC 7810 is required.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
233 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC783 - Research in Economics **STUDENT REC TITLE:** Research in Economics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Intensive reading or research in selected fields of economics. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7830 - Research in Economics III **STUDENT REC TITLE:** Research in Econs III **EFFECTIVE:** Fall 2012 **COURSE DESC:** Titles vary. Intensive reading or research in selected fields of economics. **COLLEGE:** Raj Soin College of Business **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, and EC 5220 (or equivalent courses). Completion of EC 7150, EC 7170, and 6 hours of other core courses (total of 12 hours completed in the core); or permission of instructor & Approval by Graduate Studies Committee

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
234 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC784 - Capstone Preparation **STUDENT REC TITLE:** Capstone Preparation **EFFECTIVE:** Winter 2010 **COURSE DESC:** Techniques and theories used in preparing for the research practicum. Includes study of survey techniques; discussion of data collection, cleansing, and outlier identificaiton, and applied case studies employing econometrics and forecasting.Must have completed at least 6 courses in the MS in Social & Applied Econ. Prog.. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: EC 709 and EC 715 and EC 717
	VERSION: REV **COURSE:** EC7840 - Capstone Preparation **STUDENT REC TITLE:** Capstone Preparation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Techniques and theories used in preparing for the research practicum. Includes study of survey techniques; discussion of data collection, cleansing, and outlier identificaiton, and applied case studies employing econometrics and forecasting.Must have completed at least 6 courses in the MS in Social & Applied Econ. Prog.. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing SEM PREREQ: EC 5090, EC 5100, EC 5210, and EC 5220 (or equivalent courses). Completion of EC 7150, EC 7170, and 6 hours of other core courses (total of 12 hours completed in core); permission of instructor QTR PREREQ: EC 709 and EC 715 and EC 717

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
240 **STATUS:** Complete **CREATOR:** Fern Freeman **CREATED:** 11/5/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EC789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** EC7890 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Regular Status in M.S. in Social and Applied Economics Program ADD INFO: (May be retaken until required project is completed.) SEM PREREQ: Completion of All Program of Study Courses; permission of instructor & Approval by Graduate Studies Committee.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7573 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/7/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDE670 - Workshop in Early Education **STUDENT REC TITLE:** Workshop Early Ed **EFFECTIVE:** Spring 2011 **COURSE DESC:** (Also listed as EDT 670.) Intensive practical study in a selected area of early education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDE 670
	VERSION: REV **COURSE:** ECE6500 - Specific Studies in Early Childhood Education **STUDENT REC TITLE:** Spec Studies in ECE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent Study in a selected area of Early Childhood Education **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 QTR EQUIV: EDE 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7430 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/15/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDE720 - Advanced Curriculum Planning I: Integrating Literacy and the Expressive Arts **STUDENT REC TITLE:** Adv Cur Pln I:Int Lit&Art **EFFECTIVE:** Spring 2011 **COURSE DESC:** Detailed definition of the concept of developmentally appropriate practice applied to educational settings for children ages three through eight. Focuses on applying the concept of planning for literacy using an integrated curriculum with expressive arts visual art, poetry, music, and creative movement. Field experience required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDE 720
	VERSION: REV **COURSE:** ECE7200 - Advanced Classroom Management in Early Childhood Settings **STUDENT REC TITLE:** Adv Classroom Mgmt in EC **EFFECTIVE:** Fall 2012 **COURSE DESC:** Classroom management techniques within the framework of developmentally appropriate practices and constructivist education, identifying communication techniques that facilitate young children learning self-control. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDE 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7431 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/15/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDE730 - Developmentally Appropriate Assessment in ECE **STUDENT REC TITLE:** Dev App Assessment in ECE **EFFECTIVE:** Spring 2011 **COURSE DESC:** The various uses of appropriate assessment and evaluation in infancy through early childhood, including formal and informal, formative and summative, play-based, observation authentic and portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDE 730
	VERSION: REV **COURSE:** ECE7300 - Social Development and Play in Early Childhood Education **STUDENT REC TITLE:** Soc Dev and Play in ECE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Social, cognitive, and emotional development theories as they relate to the play of young children. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDE 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7436 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/15/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDE735 - The Anti-Bias Curriculum in Early Childhood Edu **STUDENT REC TITLE:** Anti-Bias Curricul in ECE **EFFECTIVE:** Spring 2011 **COURSE DESC:** Examination of the sources of individual differences within the early childhood classroom including culture/ethnicity, race, language, learning style, and brain dominance. Field experience required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDE 735
	VERSION: REV **COURSE:** ECE7350 - Diversity in Early Childhood Classrooms **STUDENT REC TITLE:** Div in EC Classrooms **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of sources of individual differences within the early childhood classroom: culture/ethnicity, race, language, wealth, learning style/ability, and gender. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDE 735

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7437 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/15/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDE744 - Conducting Research in Early Childhood Education **STUDENT REC TITLE:** Conducting Research/ECE **EFFECTIVE:** Spring 2011 **COURSE DESC:** Examination of current issues and trends in Early Childhood Education using traditional and contemporary electronic research technology. Develops proficiency needed to support students advocacy for programs that positively affect children. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDE 744
	VERSION: REV **COURSE:** ECE7400 - Research in Early Childhood Education Topics **STUDENT REC TITLE:** Research in ECE Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research topics, issues and trends in Early Childhood Education using qualitative and action research methods. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDE 744

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7438 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/15/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDE745 - Comparative Theories of Early Childhood Education **STUDENT REC TITLE:** Comparative Theories/ECE **EFFECTIVE:** Spring 2011 **COURSE DESC:** Study of the history, theory, goals, programs, approaches and related research underlying early childhood education, including early intervention, and early childhood special education as well as other program models and philosophies such as Reggio Emillia, High Scope, Montessori, etc. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDE 745
	VERSION: REV **COURSE:** ECE7450 - Comparative Theories of Child Development **STUDENT REC TITLE:** Comp Theories of Ch Dev **EFFECTIVE:** Fall 2012 **COURSE DESC:** Comparative study of philosophies of child development and the practical application of these theories in ECE classrooms. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDE 745

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7598 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/17/11 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** CURR **COURSE:** EDE730 - Developmentally Appropriate Assessment in ECE **STUDENT REC TITLE:** Dev App Assessment in ECE **EFFECTIVE:** Spring 2011 **COURSE DESC:** The various uses of appropriate assessment and evaluation in infancy through early childhood, including formal and informal, formative and summative, play-based, observation authentic and portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDE 730
	VERSION: REV **COURSE:** ECE7500 - Developmentally Appropriate Assessment **STUDENT REC TITLE:** Dev App Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Assessment and evaluation of infants through age 8, and the use of assessment data to inform decision making. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDE 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7599 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/17/11 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** CURR **COURSE:** EDE720 - Advanced Curriculum Planning I: Integrating Literacy and the Expressive Arts **STUDENT REC TITLE:** Adv Cur Pln I:Int Lit&Art **EFFECTIVE:** Spring 2011 **COURSE DESC:** Detailed definition of the concept of developmentally appropriate practice applied to educational settings for children ages three through eight. Focuses on applying the concept of planning for literacy using an integrated curriculum with expressive arts visual art, poetry, music, and creative movement. Field experience required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDE 720
	VERSION: REV **COURSE:** ECE7600 - Integrating Literacy and the Expressive Arts **STUDENT REC TITLE:** Integ Lit & Express Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** Planning literacy experiences that incorporate visual arts, poetry, music, and creative movement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDE 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7441 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/15/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDE770 - Independent Reading and Minor Problems in Early Childhood Education **STUDENT REC TITLE:** Ind Read & Minor Problems **EFFECTIVE:** Spring 2011 **COURSE DESC:** Planned reading and/or project under guidance of an EDE faculty member. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDE 770
	VERSION: REV **COURSE:** ECE7700 - Language Development and Communication Disorders in Early Childhood **STUDENT REC TITLE:** Lang Dev and Comm Disord **EFFECTIVE:** Fall 2012 **COURSE DESC:** Speech and language development, causes and effects of communication disorders, speech and language assessment and intervention strategies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDE 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2584 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 4/5/10 **APPROVED:** 6/9/11 WorkFlow	**VERSION:** CURR **COURSE:** ECO516 - Exploring Career Paths **STUDENT REC TITLE:** Econ Studies for Teachers **EFFECTIVE:** Spring 2010 **COURSE DESC:** Selected economic issues and topics and techniques for teaching them in the K-12 classroom. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** Other **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ECO 516
	VERSION: REV **COURSE:** ECO5000 - Econ Studies for Teachers **STUDENT REC TITLE:** Econ Study for Teachers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Variable titled course for selected economic issues and topics and techniques for teaching them in the K-12 classroom. **COLLEGE:** Raj Soin College of Business **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study, Internship, Lecture, Lecture/Lab Combination, Practicum, Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Registration requires permission from the department. QTR EQUIV: ECO 516

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2588 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 4/5/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ECO514 - Economics in Action **STUDENT REC TITLE:** Economics in Action **EFFECTIVE:** Spring 2010 **COURSE DESC:** Selected economic issues and topics for teachers, presented in dialogue with visiting resource persons. Titles vary. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** Other **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ECO 514
	VERSION: REV **COURSE:** ECO5140 - What Every Consumer Should Know **STUDENT REC TITLE:** Evry Consmer Know **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course explores consumer economic topics while assiting K-12 teachers with methods to introduce and teach them to students. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **COURSE TYPE:** Lecture, Lecture/Lab Combination, Seminar **LEVEL:** Graduate REP HRS: 999 REP TIMES: 0 ADD INFO: Departmental permission required to enroll QTR EQUIV: ECO 514

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2503 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 3/29/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ECO517 - Economic Application Using the Internet I **STUDENT REC TITLE:** Eco Applica Internet I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Course teaches basic economic skills and application of these skills to K-12 teachers. Work is assigned via the Internet. Covers standards one through nine of the voluntary national content standards in economics. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** Other **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: CURR **COURSE:** ECO550 - Teaching Economics Using Children's Literature **STUDENT REC TITLE:** Teach Econ Use Child Lit **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course is designed to help teachers with little economic education learn how to teach economics using children's literature. Topics include scarcity, decision making, marginal cost/benefit, role of incentives, trade, money and entrepreneurship. **COLLEGE:** Other **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ECO5500 - Teaching Economics Using Children's Literature **STUDENT REC TITLE:** Teach Econ Use Child Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is designed to help teachers with little economic education learn how to teach economics using children's literature. Topics include scarcity, decision making, marginal cost/benefit, role of incentives, trade, money and entrepreneurship. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture, Lecture/Lab Combination, Seminar REP HRS: 0 REP TIMES: 0 ADD INFO: Departmental permission required to enroll

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2585 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 4/5/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ECO517 - Economic Application Using the Internet I **STUDENT REC TITLE:** Eco Applica Internet I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Course teaches basic economic skills and application of these skills to K-12 teachers. Work is assigned via the Internet. Covers standards one through nine of the voluntary national content standards in economics. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** Other **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ECO 517
	VERSION: REV **COURSE:** ECO5170 - Economic Application Using the Internet I **STUDENT REC TITLE:** Eco Applica Internet I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course teaches basic economic concepts/skills to K-12 teachers and how they may be applied to the classroom using resources available on the Internet. This course is an excellent foundation for teachers with little economic knowledge that desiring greater expertise. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture, Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: Departmental permission required to enroll QTR EQUIV: ECO 517

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2586 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 4/5/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ECO518 - Economic Application Using the Internet II **STUDENT REC TITLE:** Eco Applica Internet II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Course teaches basic economic skills and application of these skills to K-12 teachers. Work is assigned via the Internet. Covers standards ten through twenty of the voluntary national content standards in economics. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** Other **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ECO 518
	VERSION: REV **COURSE:** ECO5180 - Economic Application Using the Internet II **STUDENT REC TITLE:** Eco Applica Internet II **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is a continuation of Economic Applications Using the Internet I. Like 5170, this course teaches basic economic concepts/skills to K-12 teachers and how they may be applied to the classroom using resources available on the Internet. This course is an excellent foundation for teachers with little economic knowledge that desiring greater expertise. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **COURSE TYPE:** Lecture, Lecture/Lab Combination, Seminar **LEVEL:** Graduate REP HRS: 0 REP TIMES: 0 ADD INFO: Departmental permission required to enroll QTR EQUIV: ECO 518

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2587 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 4/5/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ECO523 - Family Financial Security **STUDENT REC TITLE:** Family Financial Security **EFFECTIVE:** Spring 2010 **COURSE DESC:** Financial planning and the family, with emphasis on aspects teachable in the K-12 classroom. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** Other **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ECO 523
	VERSION: REV **COURSE:** ECO5230 - Everything You Need to Know to Stretch Your Buck **STUDENT REC TITLE:** Strech Your Buck **EFFECTIVE:** Fall 2012 **COURSE DESC:** Financial planning and personal finance topics geared toward the family, with emphasis on aspects teachable in the K-12 classroom. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture, Lecture/Lab Combination, Seminar REP HRS: 999 REP TIMES: 0 ADD INFO: Departmental permission required to enroll QTR EQUIV: ECO 523

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3151 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 5/10/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** ECO5540 - Economics and World History **STUDENT REC TITLE:** Eco and World Hist **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is designed to link world historical events and economic concepts. Questions like, Why do some economies grow and prosper while others remain stagnant or decline? and What causes people to make choices that help or hinder economic growth? are among the topics that will be explored. This course will assist teachers in grades 6-12 with integrating economic concepts into an existing world history curriculum. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture, Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: Registration requires permission of the department QTR EQUIV: ECO 516

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3168 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 5/10/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** ECO5550 - Economics and United States History **STUDENT REC TITLE:** ECO and US History **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is designed to link United States historical events and economic concepts. Activities are interactive, reflecting the belief that students learn best through active, highly personalized experiences with economics. Applications of economic understanding to real world situations and context dominate the lessons. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination, Lecture/Recitation Combination REP HRS: 0 REP TIMES: 0 ADD INFO: Permission from department required to register QTR EQUIV: ECO 516

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3156 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 5/10/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** ECO5560 - International Economics for K-12 Teachers **STUDENT REC TITLE:** Intrtl ECO K-12 Teach **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is designed to provide teachers with little or no international economic education experience a road map to international economics. Available online resources will be explored for their use in providing a basic understanding of international economic concepts. This course will also aid teachers in presenting concepts covered on the state proficiency examinations. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture, Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: Registration requires permission from the department QTR EQUIV: ECO 516

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3169 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 5/10/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** ECO5580 - Economics and Geography **STUDENT REC TITLE:** ECO and Geography **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will focus on two specific geographic perspectivesspatial and ecological-- to help students understand spatial patterns and processes and the interaction of living and nonliving elements in complex webs of relationships within nature and between nature and society. People look at the world from varying personal perspectives shaped by complex combinations of personal experience, occupational roles, self-interest, and community interest. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture, Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: Permission from department required to register QTR EQUIV: ECO 516

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2504 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 3/29/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** ECO5690 - Insurance Basics for Teachers **STUDENT REC TITLE:** Insurance Basics Teachrs **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is designed for teachers with minimal knowledge of insurance principals and to provide middle and high school teachers with sufficient knowledge to teach basic property and casulty insurance principals. Topics include property damage, home owners insurance, and term life insurance. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Departmental required to enroll QTR EQUIV: ECO 569

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3150 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 5/10/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ECO570 - Personal Finance Education for Teachers **STUDENT REC TITLE:** Persnl Finance Ed Teach **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course is designed to help teachers with little economic and financial literacy education discover resources and techniques available to teach children in grades 6-12. Topics include scarcity, decision making, budgeting, banking, credit, investing, and insurance. **COLLEGE:** Other **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ECO 570
	VERSION: REV **COURSE:** ECO5700 - Personal Finance Education for Teachers **STUDENT REC TITLE:** Persnl Finance Ed Teach **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is designed to help teachers with little economic and financial literacy education discover resources and techniques available to teach children in grades 6-12. Topics include scarcity, decision making, budgeting, banking, credit, investing, and insurance. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture, Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: Registration requires permission of the department QTR EQUIV: ECO 570

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7714 **STATUS:** Complete **CREATOR:** D.R. Fannin **CREATED:** 4/11/11 **APPROVED:** 6/9/11 WorkFlow	**VERSION:** REV **COURSE:** ECO5720 - Credit **STUDENT REC TITLE:** Credit **EFFECTIVE:** Fall 2012 **COURSE DESC:** New legislation makes financial literacy relevant in today's society and mandats it be taught to school children. This course will provide relevant teaching materials to aid in teaching the topic of credit with an in-depth examination that will enhance your understanding, increasing your ability to articulate the material to your students. Topics covered will span from the basics of credit to bankruptcy, and even strategically foreclosing on one's home mortgage. **COLLEGE:** Raj Soin College of Business **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Departmental permission required to enroll

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6398 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 10/26/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED600 - Classroom Management: **STUDENT REC TITLE:** Classroom Management: **EFFECTIVE:** Winter 2011 **COURSE DESC:** An application of a variety of discipline models for use in diverse settings and discussion of recent research, practice, and innovation in the field of classroom management, addressing adolescence concerns. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 600
	VERSION: REV **COURSE:** ED6800 - CLASSROOM MANAGEMENT AND ORGANIZATION **STUDENT REC TITLE:** CLASS MANAGE. & ORGAN **EFFECTIVE:** Fall 2012 **COURSE DESC:** The study and application of classroom management and organizational models for use in diverse settings as related to adolescent development, discussion of recent research, practice, and innovation in the field of classroom management. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: ED 600

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7821 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 6/1/11 **APPROVED:** 6/17/11 WorkFlow	**VERSION:** CURR **COURSE:** ED604 - Adolescent Development **STUDENT REC TITLE:** Adolescent Development **EFFECTIVE:** Fall 2011 **COURSE DESC:** An examination of the period in the sequence of human development known as adolescence, with particular attention to psychological, social, and physical development. **COLLEGE:** College of Ed & Human Services **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 604
	VERSION: REV **COURSE:** ED6000 - Adolescent Development for Educators **STUDENT REC TITLE:** Adolescent Dev for Eds **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of developmental changes experienced during adolescence and their relationship to educational experiences. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into the School of Graduate Studies QTR EQUIV: ED 604

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7553 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/2/11 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** ED631 - Literacy Skill Through Adolescence **STUDENT REC TITLE:** Lit Skills Thru Adolscen **EFFECTIVE:** Spring 2011 **COURSE DESC:** Course provides the content area for secondary teachers with reading and writing strategies to help solve the problems encountered in grades 7-12. Reading comprehension is a key element in solving the many problems of classrooms that stress content. Writing skills and strategies are taught to help students communicate more effectively in all content areas. **COLLEGE:** College of Ed & Human Services **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 631
	VERSION: REV **COURSE:** ED6010 - Advancing Reading in the Content Area **STUDENT REC TITLE:** Adv Reading in the Conte **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading in the content area that includes instruction in organizing instruction, use of protocols for oral language development, strategies for word skill development, reading comprehension and assessment for instructional purposes. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: ED 631

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7450 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/16/11 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** ED602 - Education in a Pluralistic Society: **STUDENT REC TITLE:** Ed in a Plural Soc: **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduces students to foundational analysis of the relationship between public education in a democracy and the critical social issues and forces impacting renewal efforts. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 602
	VERSION: REV **COURSE:** ED6600 - Teaching in the American Educational System **STUDENT REC TITLE:** Teach in the Amer Ed Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Foundational analysis of the relationship between public education in a democracy and the critical social issues and forces impacting renewal efforts. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: ED 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7177 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/31/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** ED606 - Reading and Literacy I: Background and Tools **STUDENT REC TITLE:** Reading and Literacy I **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduction to the content knowledge of the structure of literacy and reading/writing instruction. Candidates explore instructional strategies for reading and writing and the theory that supports scientifically based instruction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 606
	VERSION: REV **COURSE:** ED6020 - Reading and Literacy I: Background and Tools for Intervention Specialists **STUDENT REC TITLE:** Read & Lit I: Int Spec **EFFECTIVE:** Fall 2012 **COURSE DESC:** Content knowledge of the structure of literacy and reading/writing instruction; instructional strategies for reading and writing and the theory that supports scientifically-based instruction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Intervention Specialist Program ADD INFO: Required for licensure in Intervention Specialist Mild to Moderate Educational Needs, Moderate to Intensive Educational Needs and Early Childhood Intervention Specialist QTR EQUIV: ED 606

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7179 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/31/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** ED607 - Reading and Literacy Instruction II: Content Literacy Tools **STUDENT REC TITLE:** Reading and Literacy II **EFFECTIVE:** Spring 2011 **COURSE DESC:** Extends knowledge of literacy instruction and addresses more advanced levels of literacy including content reading and writing for research and extended response. Students are expected to demonstrate instructional procedures within their field placement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 606 Minimum Grade of C QTR EQUIV: ED 607
	VERSION: REV **COURSE:** ED6030 - Reading and Literacy Instruction II: Content Literacy Tools for Intervention Specialists **STUDENT REC TITLE:** Read & Lit II: Int Spec **EFFECTIVE:** Fall 2012 **COURSE DESC:** Extends knowledge of literacy instruction and addresses more advanced levels of literacy including content reading and writing for research and extended response. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Intervention Specialist Program ADD INFO: Required for licensure in Intervention Specialist Mild to Moderate Educational Needs, Moderate to Intensive Educational Needs and Early Childhood Intervention Specialist SEM PREREQ: ED 6020 QTR PREREQ: Graduate level ED 606 Minimum Grade of C QTR EQUIV: ED 607

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7180 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/31/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** ED608 - Phonics and Word Study Instruction **STUDENT REC TITLE:** Phonics and Word Study **EFFECTIVE:** Spring 2011 **COURSE DESC:** This course is an introduction to the knowledge of how people learn printed words, how to assess that knowledge and deliver the instructional procedures with appropriate materials. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 606 Minimum Grade of C and Graduate level ED 607 Minimum Grade of C QTR EQUIV: ED 608
	VERSION: REV **COURSE:** ED6040 - Instruction in Word Study and Phonics for Intervention Specialists **STUDENT REC TITLE:** Word St & Phon: Int Spec **EFFECTIVE:** Fall 2012 **COURSE DESC:** Knowledge of how people learn printed words, how to assess that knowledge and deliver the instructional procedures with appropriate materials. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into the Intervention Specialist Program ADD INFO: Required for licensure in Intervention Specialist Mild to Moderate Educational Needs, Moderate to Intensive Educational Needs and Early Childhood Intervention Specialist SEM PREREQ: ED 6020 QTR PREREQ: Graduate level ED 606 Minimum Grade of C and Graduate level ED 607 Minimum Grade of C QTR EQUIV: ED 608

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7181 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/31/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** ED609 - Literacy Assessment and Intervention **STUDENT REC TITLE:** Assessment/ Intervention **EFFECTIVE:** Spring 2011 **COURSE DESC:** Candidates will learn to use a range of literacy assessment instruments to assess student reading and writing performance and to determine best practices interventions in order to meet student needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 608 QTR EQUIV: ED 609
	VERSION: REV **COURSE:** ED6050 - Literacy Assessment and Intervention for Intervention Specialists **STUDENT REC TITLE:** Lit Asmt & Int: Int Spec **EFFECTIVE:** Fall 2012 **COURSE DESC:** Utilizing a range of literacy assessment instruments to assess student reading and writing performance and to determine best practices interventions in order to meet student needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Intervention Specialist Program ADD INFO: Required for licensure in Intervention Specialist Mild to Moderate Educational Needs, Moderate to Intensive Educational Needs and Early Childhood Intervention Specialist SEM PREREQ: ED 6020 QTR PREREQ: Graduate level ED 608 QTR EQUIV: ED 609

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
11 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/27/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED606 - Reading and Literacy I: Background and Tools **STUDENT REC TITLE:** Reading and Literacy I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to the content knowledge of the structure of literacy and reading/writing instruction. Candidates explore instructional strategies for reading and writing and the theory that supports scientifically based instruction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 606
	VERSION: REV **COURSE:** ED6060 - Reading and Literacy I: Background and Tools **STUDENT REC TITLE:** Reading and Literacy I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the content knowledge of the structure of literacy and reading/writing instruction. Candidates explore instructional strategies for reading and writing and the theory that supports scientifically based instruction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 606

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
76 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/29/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED607 - Reading and Literacy Instruction II: Content Literacy Tools **STUDENT REC TITLE:** Reading and Literacy II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Extends knowledge of literacy instruction and addresses more advanced levels of literacy including content reading and writing for research and extended response. Students are expected to demonstrate instructional procedures within their field placement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 606 Minimum Grade of C QTR EQUIV: ED 607
	VERSION: REV **COURSE:** ED6070 - Reading and Literacy Instruction II: Content Liter **STUDENT REC TITLE:** Reading and Literacy II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Extends knowledge of literacy instruction and addresses more advanced levels of literacy including content reading and writing for research and extended response. Students are expected to demonstrate instructional procedures within their field placement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 606 Minimum Grade of C QTR EQUIV: ED 607

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
77 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/29/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED608 - Phonics and Word Sudy Instruction **STUDENT REC TITLE:** Phonics and Word Study **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course is an introduction to the knowledge of how people learn printed words, how to assess that knowledge and deliver the instructional procedures with appropriate materials. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 606 Minimum Grade of C and Graduate level ED 607 Minimum Grade of C QTR EQUIV: ED 608
	VERSION: REV **COURSE:** ED6080 - Phonics and Word Sudy Instruction **STUDENT REC TITLE:** Phonics and Word Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is an introduction to the knowledge of how people learn printed words, how to assess that knowledge and deliver the instructional procedures with appropriate materials. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 606 Minimum Grade of C and Graduate level ED 607 Minimum Grade of C QTR EQUIV: ED 608

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
79 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/29/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED609 - Literacy Assessment and Intervention **STUDENT REC TITLE:** Assessment/ Intervention **EFFECTIVE:** Winter 2010 **COURSE DESC:** Candidates will learn to use a range of literacy assessment instruments to assess student reading and writing performance and to determine best practices interventions in order to meet student needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 608; Minimum Grade of C QTR EQUIV: ED 609
	VERSION: REV **COURSE:** ED6090 - Literacy Assessment and Intervention **STUDENT REC TITLE:** Assessment/ Intervention **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates will learn to use a range of literacy assessment instruments to assess student reading and writing performance and to determine best practices interventions in order to meet student needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 608; Minimum Grade of C QTR EQUIV: ED 609

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3531 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/28/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED610 - Middle Childhood Mathematics: Curriculum and Methods **STUDENT REC TITLE:** MC: Curriculum & Methods **EFFECTIVE:** Fall 2010 **COURSE DESC:** A study of curriculum, materials, and methodology for teaching mathematics in the middle school, grades 4 through 9. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 610
	VERSION: REV **COURSE:** ED6350 - Middle Childhood Mathematics: Curriculum and Methods **STUDENT REC TITLE:** MCE: Math Cur & Meth **EFFECTIVE:** Fall 2012 **COURSE DESC:** A study of curriculum, materials, and methodology for teaching mathematics in the middle school, grades 4 through 9. This includes lesson planning, assessment, differentiation, technology, and pedagogical content knowledge. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Middle Childhood Program QTR EQUIV: ED 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7815 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 5/31/11 **APPROVED:** 6/29/11 WorkFlow	**VERSION:** REV **COURSE:** ED6100 - Mathematics Instruction for Intervention Specialists **STUDENT REC TITLE:** Math Instr for IS **EFFECTIVE:** Fall 2012 **COURSE DESC:** An in-depth investigation of important elementary mathematical topics, focusing on content, pedagogy, and differentiation of instruction for all learners. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 XLIST: MTE 6310 QTR EQUIV: ED 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6080 **STATUS:** Complete **CREATOR:** Melody Allison **CREATED:** 10/7/10 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** ED614 - Practicum II: **STUDENT REC TITLE:** Practicum II: **EFFECTIVE:** Winter 2011 **COURSE DESC:** The second PEP field practicum provides involvement in a K-12 school and/or a human service agency setting as a laboratory. Introduction to family collaboration occurs. Graded pass/unsatisfactory. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 614
	VERSION: REV **COURSE:** ED6250 - Field Experience IV: MCE Content Methods **STUDENT REC TITLE:** FLD EX IV: MCE CONTENT M **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, mentored by a middle grades teacher, shall assist in the planning, organizing, delivering, and assessing of instruction in a 4-9th grade setting applying pedagogical content knowledge from middle childhood content and methods courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 2 RESTRICTION: Acceptance into the Middle childhood graduate licensure program SEM PREREQ: None QTR EQUIV: ED 614

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6123 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED616 - Practicum III: **STUDENT REC TITLE:** Practicum III: **EFFECTIVE:** Winter 2011 **COURSE DESC:** The third field practicum provided in the PEP promotes understanding of the total ecology of schooling collaboration with families. A human service agency setting is highlighted. Graded pass/unsatisfactory. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616
	VERSION: REV **COURSE:** ED6450 - Field Experience III: Methods in AYA: Integrated Mathematics **STUDENT REC TITLE:** FIELD EXP: Mths AYA/IM **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, mentored by a mathematics educator, shall assist in the planning, organizing, delivering, and assessing of instruction in a 7-12th grade setting applying pedagogical content knowledge from mathematics content and methods courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 2 SEM PREREQ: NONE COREQ: ED 6750 QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6125 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED616 - Practicum III: **STUDENT REC TITLE:** Practicum III: **EFFECTIVE:** Winter 2011 **COURSE DESC:** The third field practicum provided in the PEP promotes understanding of the total ecology of schooling collaboration with families. A human service agency setting is highlighted. Graded pass/unsatisfactory. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616
	VERSION: REV **COURSE:** ED6430 - Field Experience III Methods in AYA: Integrated Social Studies **STUDENT REC TITLE:** FIELD EXP III: AYA/ISS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, mentored by a social studies educator, shall assist in the planning, organizing, delivering, and assessing of instruction in a 7-12th grade setting applying pedagogical content knowledge from social studies content and methods courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 2 SEM PREREQ: NONE COREQ: ED 6730 QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6126 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED616 - Practicum III: **STUDENT REC TITLE:** Practicum III: **EFFECTIVE:** Winter 2011 **COURSE DESC:** The third field practicum provided in the PEP promotes understanding of the total ecology of schooling collaboration with families. A human service agency setting is highlighted. Graded pass/unsatisfactory. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616
	VERSION: REV **COURSE:** ED6460 - Field Experience III: Methods in AYA: Integrated Science **STUDENT REC TITLE:** FIELD EXP Mths AYA/IS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, mentored by a science educator, shall assist in the planning, organizing, delivering, and assessing of instruction in a 7-12th grade setting applying pedagogical content knowledge from science content and methods courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 2 SEM PREREQ: NONE COREQ: ED 6760 QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6127 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED616 - Practicum III: **STUDENT REC TITLE:** Practicum III: **EFFECTIVE:** Winter 2011 **COURSE DESC:** The third field practicum provided in the PEP promotes understanding of the total ecology of schooling collaboration with families. A human service agency setting is highlighted. Graded pass/unsatisfactory. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616
	VERSION: REV **COURSE:** ED6470 - Field Experience III: Methods in MA: World Languages **STUDENT REC TITLE:** EXP Meth in MA/Wld Lang **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, mentored by a world languages educator, shall assist in the planning, organizing, delivering, and assessing of instruction in a p-12th grade setting applying pedagogical content knowledge from world language content and methods courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 2 SEM PREREQ: NONE COREQ: ED 6770 QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6160 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/11/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED616 - Practicum III: **STUDENT REC TITLE:** Practicum III: **EFFECTIVE:** Winter 2011 **COURSE DESC:** The third field practicum provided in the PEP promotes understanding of the total ecology of schooling collaboration with families. A human service agency setting is highlighted. Graded pass/unsatisfactory. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616
	VERSION: REV **COURSE:** ED6480 - Field Experience III: Methods in MA: Visual Arts **STUDENT REC TITLE:** FLD EXP: Meth MA/Vis Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, mentored by a visual arts educator, shall assist in the planning, organizing, delivering, and assessing of instruction in a p-12th grade setting applying pedagogical content knowledge from visual arts content and methods courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 2 SEM PREREQ: NONE COREQ: AED 6780 QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6167 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/11/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED616 - Practicum III: **STUDENT REC TITLE:** Practicum III: **EFFECTIVE:** Winter 2011 **COURSE DESC:** The third field practicum provided in the PEP promotes understanding of the total ecology of schooling collaboration with families. A human service agency setting is highlighted. Graded pass/unsatisfactory. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616
	VERSION: REV **COURSE:** ED6440 - Field Experience III Methods in AYA: Integrated Language Arts **STUDENT REC TITLE:** FIELD EXP: Mths AYA/ILA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, mentored by a language arts educator, shall assist in the planning, organizing, delivering, and assessing of instruction in a 7-12th grade setting applying pedagogical content knowledge from language arts content and methods courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 2 COREQ: ED 6740 QTR PREREQ: Graduate level ED 614 Minimum Grade of P QTR EQUIV: ED 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3323 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/18/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** REV **COURSE:** ED6170 - Middle Level Inquiry and Action Research **STUDENT REC TITLE:** Midle Lvl Inq & Act Rsch **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an introduction to teacher-based action research. Students will learn content related to: types of research, types of data, research methodologies, data analyses and data interpretation within the context of education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Major: Middle Childhood Education Level: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6199 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/12/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** REV **COURSE:** ED6180 - Assessment for Middle Level Educators **STUDENT REC TITLE:** Assess Midle Lvl Eductrs **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on varying assessment techniques and strategies (teacher-created and standardized) utilized in middle level education. Students will read, analyze and interpret assessment data to modify instruction and promote student success. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Middle Childhood Program

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3293 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/18/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED620 - Studies in English Education **STUDENT REC TITLE:** Studies in English Educ **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as ENG 685.) Focuses on theoretical issues and practical problems of teaching English at all levels, including the teaching of writing and the teaching of English to speakers of other languages (TESOL). May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 620
	VERSION: REV **COURSE:** ED6640 - Adolescent and Young Adult: Integrated Language Arts: Curriculum and Materials I **STUDENT REC TITLE:** AYA: INT LNG ART: C&M I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on theoretical issues and practical problems of teaching English at all levels, including developing media competence and teaching media literacy. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Adolescent and Young Adult: Integrated Language Arts SEM PREREQ: None QTR EQUIV: ED 620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7054 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/26/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** ED621 - Human Development and Learning: **STUDENT REC TITLE:** Human Develop & Learning **EFFECTIVE:** Spring 2011 **COURSE DESC:** Apply basic research techniques and method to the study of human development, learning growth, and achievement. Engage in observational analysis of children in the classroom setting, putting theory into practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 621
	VERSION: REV **COURSE:** ED6700 - Student Learning and Motivation **STUDENT REC TITLE:** Student Learning & Motiv **EFFECTIVE:** Fall 2012 **COURSE DESC:** Understand theories of learning and motivation as well as appropriate preK-12 assessment in the context of principles from the field of educational psychology. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: ED 621

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3328 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/19/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED623 - Adolescence English: Curriculum and Materials **STUDENT REC TITLE:** Adoloescence English: **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides developing professional educators with an introduction to the teaching/learning of middle childhood/adolescence language arts. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 620 Minimum Grade of C QTR EQUIV: ED 623
	VERSION: REV **COURSE:** ED6740 - Adolescent and Young Adult Integrated Language Arts: Curriculum and Materials II **STUDENT REC TITLE:** AYA: INT LNG ART: C&M II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides developing professional educators with advanced discussion and practice in the teaching/learning of grades 7-12 language arts. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Acceptance into Classroom Teacher: Adolescent and Young Adult: Integrated Language Arts SEM PREREQ: Graduate level ED 6640 Minimum Grade of C COREQ: ED 6440 QTR PREREQ: Graduate level ED 620 Minimum Grade of C QTR EQUIV: ED 623

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6084 **STATUS:** Complete **CREATOR:** Melody Allison **CREATED:** 10/7/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED624 - Middle Childhood Literature, Speech and Drama **STUDENT REC TITLE:** MC Lit., Speech & Drama **EFFECTIVE:** Winter 2011 **COURSE DESC:** Emphasize the integration of speech, drama, and age-appropriate children's literature to plan activities in the language arts. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 606 Minimum Grade of C QTR EQUIV: ED 624
	VERSION: REV **COURSE:** ED6340 - Methods for the Integration of Literature, Speech and Drama for Middle Level Educators **STUDENT REC TITLE:** MCE Lit, Speech & Drama **EFFECTIVE:** Fall 2012 **COURSE DESC:** Integrate literature, speech and drama across grades 4 9, plan an interdisciplinary unit, differentiate instruction, and teach a lesson at field site. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Graduate Middle Level Licensure Program or MCE Generalist Endorsement Program SEM PREREQ: None QTR PREREQ: Graduate level ED 606 Minimum Grade of C QTR EQUIV: ED 624

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3317 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/18/10 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** ED625 - Modern Foreign Languages I: Curriculum and Materials **STUDENT REC TITLE:** Modern Foreign Lang I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Presents foreign language curriculum and materials with emphasis on ACTFL Standards in order to plan and implement effective lessons and activities focused on PreK-12 second language acquisition. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 625
	VERSION: REV **COURSE:** ED6670 - Multi-age: World Languages: Curriculum And Materials I **STUDENT REC TITLE:** MA: WORLD LANG: C&M I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents world language curriculum and materials with emphasis on ACTFL Standards in order to plan and implement effective lessons and activities focused on pK-12 second language acquisition. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: MultiAge: modern languages QTR EQUIV: ED 625

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3319 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/18/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED627 - Modern Foreign Languages II: Curriculum, Methods and Materials **STUDENT REC TITLE:** Modern Foreign Lang II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Presents extension of foreign language curriculum, methods and materials with emphasis on ACTFL Standards in order to plan and implement effective lessons and activites focused on PreK-12 second language acquisition. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 627
	VERSION: REV **COURSE:** ED6770 - Multi-age World Languages: Curriculum And Materials II **STUDENT REC TITLE:** MA: WORLD LANG: C&M II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents world language curriculum with emphasis on standards. Focus on pK-5 first and second language acquisition. Emphasis on technology and assessment. Prepare teaching materials for the world language classroom. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: MultiAge: modern languages COREQ: ED 6470 QTR EQUIV: ED 627

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3538 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/28/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED629 - Middle School Social Studies: Curriculum and Materials **STUDENT REC TITLE:** Middle School Soc Studies **EFFECTIVE:** Fall 2010 **COURSE DESC:** Course focuses on principles, trends, resources, technology, critical thinking skills, historiography, and social science research for middle school social studies. This course will also focus on teaching in the multicultural classroom. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 629
	VERSION: REV **COURSE:** ED6330 - Middle School Social Studies: Curriculum & Materials **STUDENT REC TITLE:** MCE SOC STUDIES: C & M **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course focuses on principles, trends, resources, technology, critical thinking skills, historiography, and social science research for middle school social studies. This course will also focus on teaching in the multicultural classroom. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Middle Childhood Program QTR EQUIV: ED 629

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6082 **STATUS:** Complete **CREATOR:** Melody Allison **CREATED:** 10/7/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED636 - Integrated Middle Childhood Level Science Methods **STUDENT REC TITLE:** Mid Child Level Sci Mthds **EFFECTIVE:** Winter 2011 **COURSE DESC:** Curriculum and materials for teaching middle level science with emphasis on using an integrated constructivist approach to science teaching. Includes development of appropriate objectives, planning, resources and facilities, evaluation, and curricular trends in science education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: ED 636
	VERSION: REV **COURSE:** ED6360 - Middle Childhood Education Science: Curriculum and Methods **STUDENT REC TITLE:** MCE SCIENCE: CURR & MTHD **EFFECTIVE:** Fall 2012 **COURSE DESC:** Curriculum and materials for teaching middle level science with emphasis on using an integrated constructivist approach to science teaching. Includes development of appropriate objectives, planning, resources and facilities, evaluation, and trends in science education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Middle Childhood Graduate Licensure Program SEM PREREQ: None QTR PREREQ: None QTR EQUIV: ED 636

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2776 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 4/16/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED637 - Adolescent & Young Adult Mathematics: Curriculum and Methods Part I **STUDENT REC TITLE:** AYA Math Methods Part I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Curriculum, methods and materials in the mathematics of grades 7 through 12, part I. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ED6650 - Adolescent and Young Adult: Integrated Mathematics: Curriculum and Materials I **STUDENT REC TITLE:** AYA: INT MATH: C&M I **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will examine curriculum, methods, and materials in the teaching of mathematics for grades 7-12. This includes lesson planning, assessment, differentiation, technology, and content for algebra and geometry courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Adolescent and Young Adult: Integrated Mathematics

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3306 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/18/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED638 - Adolscent and Young Adult Mathematics: Curriculum and Methods Part II **STUDENT REC TITLE:** AYA Math Methods Part II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Curriculum, methods and materials in the mathematics of grades 7 through 12, Part II. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 637 Minimum Grade of C QTR EQUIV: ED 638
	VERSION: REV **COURSE:** ED6750 - Adolescent and Young Adult Integrated Mathematics: Curriculum and Materials II **STUDENT REC TITLE:** AYA: INT MATH: C&M II **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will examine curriculum, materials, and teaching methods for secondary mathematics teaching. This includes course development, assessment, differentiation, technology, and content for probability and statistics courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Adolescent and Young Adult: Integrated Mathematics SEM PREREQ: ED 6650 Minimum Grade of C COREQ: ED 6450 QTR PREREQ: Graduate level ED 637 Minimum Grade of C QTR EQUIV: ED 638

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3312 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/18/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED639 - Adolescence Social Studies: Curriculum and Materials **STUDENT REC TITLE:** Adolescence Soc Studies **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides developing professional educators instruction in objectives, principles, and trends in middle childhood/adolescence social studies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 639
	VERSION: REV **COURSE:** ED6630 - Adolescent And Young Adult: Integrated Social Studies: Curriculum And Materials I **STUDENT REC TITLE:** AYA: SOC STUDIES: C&M I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course focuses on principles, resources, technology, critical thinking skills, historiography, and social science research for adolescence social studies. This course will also focus on teaching in the multicultural classroom. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Adolescent and Young Adult: Integrated Social Studies QTR EQUIV: ED 639

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7455 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/16/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** ED658 - Practicum in Education **STUDENT REC TITLE:** Practicum in Education **EFFECTIVE:** Spring 2011 **COURSE DESC:** Supervised teaching experience for students who have completed student teaching or its equivalent and are seeking certification in another field. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 658
	VERSION: REV **COURSE:** ED6400 - Practicum: Middle Childhood **STUDENT REC TITLE:** Practicum: MCE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Educators with prior teaching license(s), under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in grades 4-9 and their concentration area(s). **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 8 REP TIMES: 0 RESTRICTION: Acceptance into the Middle Childhood Graduate Licensure program QTR EQUIV: ED 658

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6083 **STATUS:** Complete **CREATOR:** Melody Allison **CREATED:** 10/7/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED641 - Internship: Middle Childhood **STUDENT REC TITLE:** Internship: MCE **EFFECTIVE:** Winter 2011 **COURSE DESC:** Interns are assigned to a school for lead teaching experience under the direct supervision of an experienced classroom teacher. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: ED 641
	VERSION: REV **COURSE:** ED6410 - STUDENT TEACHING: MIDDLE CHILDHOOD **STUDENT REC TITLE:** STUDENT TEACHING: MCE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teacher candidates are assigned to a school for intensive teaching experience in grades 4-9 under the direct supervision of an experienced classroom teacher. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 4 - 8 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 16 REP TIMES: 0 RESTRICTION: None SEM PREREQ: None COREQ: ED 6420 QTR PREREQ: None QTR EQUIV: ED 641

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3549 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/28/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED642 - Professional Seminar: Middle Childhood **STUDENT REC TITLE:** Professionl Seminar: MCE **EFFECTIVE:** Fall 2010 **COURSE DESC:** A seminar preparing the teacher candidate to enter the profession, including portfoloio work, resume building, licensure information, interviewing techniques and preparation for first year of teaching. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 642
	VERSION: REV **COURSE:** ED6420 - Professional Seminar: Middle Childhood **STUDENT REC TITLE:** Professionl Seminar: MCE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar focus will prepare candidates for their first year of teaching. Topics include: classroom set-up and routines, communication and collaboration with others, resume building, licensure information, interviewing techniques, and creating a portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 2 REP TIMES: 1 RESTRICTION: Acceptance into Classroom Teacher: Middle Childhood Program COREQ: ED 6410 QTR EQUIV: ED 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8220 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/13/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6420 - Professional Seminar: Middle Childhood **STUDENT REC TITLE:** Professionl Seminar: MCE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar focus will prepare candidates for their first year of teaching. Topics include: classroom set-up and routines, communication and collaboration with others, resume building, licensure information, interviewing techniques, and creating a portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: CT: Middle Childhood - MED CT: Middle Childhood - MA May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 642
	VERSION: REV **COURSE:** ED6420 - Professional Seminar: Middle Childhood **STUDENT REC TITLE:** Professionl Seminar: MCE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar focus will prepare candidates for their first year of teaching. Topics include: classroom set-up and routines, communication and collaboration with others, resume building, licensure information, interviewing techniques, and creating a portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 2 REP TIMES: 1 RESTRICTION: Must be enrolled in one of the following Programs: CT: Middle Childhood - MED CT: Middle Childhood - MA May not be enrolled in one of the following Levels: Undergraduate COREQ: ED 6410 QTR EQUIV: ED 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6177 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/12/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED646 - Action Research Capstone **STUDENT REC TITLE:** Action Research Capstone **EFFECTIVE:** Winter 2011 **COURSE DESC:** Each student will complete data analysis and write a formal 5-chapter report of a completed action research project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 715 QTR EQUIV: ED 646
	VERSION: REV **COURSE:** ED6990 - AYA/MA Capstone Project **STUDENT REC TITLE:** AYA/MA Capstone Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Report on, dissemination of, or application of new learning based on completion of reflective investigation and progressive problem-solving effort to improve the quality of education in 7-12th grade educational environment. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 4 REP TIMES: 0 SEM PREREQ: ED 6890 QTR PREREQ: Graduate level ED 715 QTR EQUIV: ED 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3314 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/18/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED648 - Improvement of Social Studies Instruction **STUDENT REC TITLE:** Improve Soc Studies Instr **EFFECTIVE:** Fall 2010 **COURSE DESC:** In-depth analysis of social studies resource materials and curricular models with a focus on integrating technology into social studies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 639 Minimum Grade of C
	VERSION: REV **COURSE:** ED6730 - Adolescent and Young Adult: Integrated Social Studies: Curriculum and Materials II **STUDENT REC TITLE:** AYA: INT SOC ST: C&M II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides developing professional educators instruction in current trends and issues in adolescence and young adult social studies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Adolescent and Young Adult: Integrated Social Studies SEM PREREQ: ED 6630 Minimum Grade of C COREQ: ED 6430 XLIST: ED 6500 QTR PREREQ: Graduate level ED 639 Minimum Grade of C

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3528 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/28/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED771 - Middle Childhood Inquiry Project **STUDENT REC TITLE:** MCE Inquiry Project **EFFECTIVE:** Fall 2010 **COURSE DESC:** Students will be required to complete an inquiry project and the unit portfolio to fulfill the requirements for the Master of Education Degree and Licensure in Middle Childhood Education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 771
	VERSION: REV **COURSE:** ED6490 - Middle Childhood Inquiry Project **STUDENT REC TITLE:** MCE Inquiry Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will be required to complete an inquiry project and the unit portfolio in order to partially fulfill the requirements for the Masters of Education Degree in Middle Childhood Education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Middle Childhood Program QTR EQUIV: ED 771

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8217 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/13/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6490 - Middle Childhood Inquiry Project **STUDENT REC TITLE:** MCE Inquiry Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will be required to complete an inquiry project and the unit portfolio in order to partially fulfill the requirements for the Masters of Education Degree in Middle Childhood Education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Programs: CT: Middle Childhood - MED CT: Middle Childhood - MA May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 771
	VERSION: REV **COURSE:** ED6490 - Middle Childhood Inquiry Project **STUDENT REC TITLE:** MCE Inquiry Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will be required to complete an inquiry project and the unit portfolio in order to partially fulfill the requirements for the Masters of Education Degree in Middle Childhood Education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: CT: Middle Childhood - MED CT: Middle Childhood - MA May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 771

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7813 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 5/31/11 **APPROVED:** 6/17/11 WorkFlow	**VERSION:** CURR **COURSE:** ED770 - Independent Reading and Minor Problems **STUDENT REC TITLE:** Ind Reading & Minor Prob **EFFECTIVE:** Fall 2011 **COURSE DESC:** Planned reading and/or project under the guidance of a College of Education and Human Services faculty member. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 770
	VERSION: REV **COURSE:** ED6500 - Specific Studies in Education **STUDENT REC TITLE:** Specific Studies in Educ **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent Study in a selected area of education **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 0.5 - 5 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 QTR EQUIV: ED 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6129 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED651 - Internship: Adolescence - Young Adult **STUDENT REC TITLE:** Internship: AYA **EFFECTIVE:** Winter 2011 **COURSE DESC:** Interns are assigned to a 7-12 school full-time for lead teaching under the direct supervision of an experienced classroom teacher. Includes seminar. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 651
	VERSION: REV **COURSE:** ED6530 - Student Teaching: Adolescent and Young Adult Integrated Social Studies **STUDENT REC TITLE:** Stdt Tchng: AYA/ISS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in grades 7-12 in Integrated Social Studies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 2 SEM PREREQ: ED 6430 Minimum Grade of P COREQ: ED 6920 QTR EQUIV: ED 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6131 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED651 - Internship: Adolescence - Young Adult **STUDENT REC TITLE:** Internship: AYA **EFFECTIVE:** Winter 2011 **COURSE DESC:** Interns are assigned to a 7-12 school full-time for lead teaching under the direct supervision of an experienced classroom teacher. Includes seminar. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 651
	VERSION: REV **COURSE:** ED6540 - Student Teaching: Adolescent and Young Adult Integrated Language Arts **STUDENT REC TITLE:** Stdt Tchng: AYA/ILA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in grades 7-12 in Integrated Language Arts. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 16 REP TIMES: 2 SEM PREREQ: ED 6440 Minimum grade of P COREQ: ED 6920 QTR EQUIV: ED 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6132 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED651 - Internship: Adolescence - Young Adult **STUDENT REC TITLE:** Internship: AYA **EFFECTIVE:** Winter 2011 **COURSE DESC:** Interns are assigned to a 7-12 school full-time for lead teaching under the direct supervision of an experienced classroom teacher. Includes seminar. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 651
	VERSION: REV **COURSE:** ED6550 - Student Teaching: Adolescent and Young Adult Integrated Mathematics **STUDENT REC TITLE:** Stdt Tchng: AYA/IM **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in grades 7-12 in Integrated Mathematics. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 16 REP TIMES: 2 SEM PREREQ: ED 6450 Minimum Grade of P COREQ: ED 6920 QTR EQUIV: ED 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6133 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED651 - Internship: Adolescence - Young Adult **STUDENT REC TITLE:** Internship: AYA **EFFECTIVE:** Winter 2011 **COURSE DESC:** Interns are assigned to a 7-12 school full-time for lead teaching under the direct supervision of an experienced classroom teacher. Includes seminar. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 651
	VERSION: REV **COURSE:** ED6560 - Student Teaching: Adolescent and Young Adult Integrated Science **STUDENT REC TITLE:** Stdt Tchng: AYA/IS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in grades 7-12 in Integrated Science. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 16 REP TIMES: 2 SEM PREREQ: ED 6460 Minimum Grade of P COREQ: ED 6920 QTR EQUIV: ED 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6115 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED652 - Professional Seminar **STUDENT REC TITLE:** Professional Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** An exit seminar assisting candidates in the graduate licensure program to reflect on their internship experience, complete their program portfolio, and prepare to enter the teaching profession. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar QTR EQUIV: ED 652
	VERSION: REV **COURSE:** ED6920 - PROFESSIONAL SEMINAR: AYA/MA **STUDENT REC TITLE:** PROF SEM: AYA/MA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teacher candidates will be provided the necessary knowledge and skills regarding issues affecting education to assist them in making a successful transition from being a teacher-candidate to becoming a professional educator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: None QTR EQUIV: ED 652

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6116 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED653 - Content Seminar **STUDENT REC TITLE:** Content Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** A seminar in which content specialist work with teacher candidates during their internship to complete their professional portfolio, unit assessments and other professional requirements. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6930 - Content Seminar: AYA Integrated Social Studies **STUDENT REC TITLE:** Cont Sem: AYA/Int Soc St **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Social Studies, assessment of the National Council for the Social Studies (NCSS) standards and the completion of the CEHS professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 COREQ: ED 6530 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6118 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED653 - Content Seminar **STUDENT REC TITLE:** Content Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** A seminar in which content specialist work with teacher candidates during their internship to complete their professional portfolio, unit assessments and other professional requirements. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6940 - Content Seminar: AYA Integrated Language Arts **STUDENT REC TITLE:** Cont Sem: AYA/ILA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Language Arts, assessment of the National Council of Teachers of English (NCTE) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 4 REP TIMES: 2 COREQ: ED 6540 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6119 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED653 - Content Seminar **STUDENT REC TITLE:** Content Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** A seminar in which content specialist work with teacher candidates during their internship to complete their professional portfolio, unit assessments and other professional requirements. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6950 - Content Seminar: AYA Integrated Mathematics **STUDENT REC TITLE:** Cont Sem: AYA/Int Math **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Mathematics, assessment of the National Council of Teachers of Mathematics (NCTM) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 COREQ: ED 6550 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6120 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED653 - Content Seminar **STUDENT REC TITLE:** Content Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** A seminar in which content specialist work with teacher candidates during their internship to complete their professional portfolio, unit assessments and other professional requirements. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6960 - Content Seminar: AYA Integrated Science **STUDENT REC TITLE:** Cont Sem: AYA/Science **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Science, assessment of the National Science Teachers Association (NSTA) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 COREQ: ED 6560 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6121 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** ED653 - Content Seminar **STUDENT REC TITLE:** Content Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** A seminar in which content specialist work with teacher candidates during their internship to complete their professional portfolio, unit assessments and other professional requirements. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6970 - Content Seminar: Multi Age Modern Language **STUDENT REC TITLE:** Cont Sem: MA/Modern Lang **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Multi-Age Modern Language Internship focusing on pedagogical content knowledge in Modern Languages, assessment of the American Council on the Teaching of Foreign Languages (ACTFL) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 COREQ: ED 6570 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6122 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED653 - Content Seminar **STUDENT REC TITLE:** Content Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** A seminar in which content specialist work with teacher candidates during their internship to complete their professional portfolio, unit assessments and other professional requirements. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6980 - Content Seminar: Multi Age Visual Arts **STUDENT REC TITLE:** Cont Sem: Multi-age/Vis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Multi-Age Visual Arts Internship focusing on pedagogical content knowledge in Visual Arts, assessment based on the Ohio Multi-Age Visual Arts Standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 COREQ: ED 6580 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6136 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED661 - Internship: Multi-Age **STUDENT REC TITLE:** Internship: Multi-Age **EFFECTIVE:** Winter 2011 **COURSE DESC:** Students are assigned to a school site for lead teaching experience under the direct supervision of an experienced classroom teacher. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 661
	VERSION: REV **COURSE:** ED6570 - Student Teaching: Multi-Age World Languages **STUDENT REC TITLE:** Stdt Tchng: MA/Wd Lan **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in grades p-12 in Multi-Age Modern Languages. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 16 REP TIMES: 2 SEM PREREQ: ED 6470 Minimum grade of P COREQ: ED 6920 QTR EQUIV: ED 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6517 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED658 - Practicum in Education **STUDENT REC TITLE:** Practicum in Education **EFFECTIVE:** Winter 2011 **COURSE DESC:** Supervised teaching experience for students who have completed student teaching or its equivalent and are seeking certification in another field. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 658
	VERSION: REV **COURSE:** EDS6710 - Practicum in Special Education: Intervention Specialist Mild/Moderate Needs **STUDENT REC TITLE:** Practicum: IS M/M **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced Intervention Specialist, are assigned to a school for intensive teaching experience in K-12 special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 8 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist SEM PREREQ: EDS 6510, EDS 6530, EDS 6550, EDS 6570, EDS 6590, EDS 6610, EDS 6630, EDS 6650, EDS 6670 QTR EQUIV: ED 658

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6521 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED658 - Practicum in Education **STUDENT REC TITLE:** Practicum in Education **EFFECTIVE:** Winter 2011 **COURSE DESC:** Supervised teaching experience for students who have completed student teaching or its equivalent and are seeking certification in another field. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 658
	VERSION: REV **COURSE:** EDS6460 - Practicum in Special Education: Intervention Specialist Moderate/Intensive Needs **STUDENT REC TITLE:** Practicum: IS M/I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced Moderate to Intensive Intervention Specialist, are assigned to a school for teaching experience in K-12 special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 8 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist ADD INFO: Licensure program for which the course is required: Intervention Specialist Moderate to Intense Educational Needs SEM PREREQ: EDS 6510, EDS 6530, EDS 6550, EDS 6570, EDS 6590, EDS 6400, EDS 6420, EDS 6630, EDS 6650, EDS 6670 QTR EQUIV: ED 658

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6838 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/10/11 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** ED658 - Practicum in Education **STUDENT REC TITLE:** Practicum in Education **EFFECTIVE:** Winter 2011 **COURSE DESC:** Supervised teaching experience for students who have completed student teaching or its equivalent and are seeking certification in another field. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 658
	VERSION: REV **COURSE:** EDS6270 - Practicum in Special Education: Pre-Kindergarten Special Needs **STUDENT REC TITLE:** Practicum: ECIS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Educators with prior teaching licenses, under the direct supervision of an experienced Intervention Specialist, are assigned to a school for intensive teaching experience in preK-3rd grade special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 8 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: Pre-Kindergarten Special Needs Endorsement ADD INFO: Licensure programs for which the course is required: Pre-Kindergarten Special Needs Endorsement SEM PREREQ: EDS 6200, 6220, 6240, 6400 QTR EQUIV: ED 658

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6844 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/10/11 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** ED658 - Practicum in Education **STUDENT REC TITLE:** Practicum in Education **EFFECTIVE:** Winter 2011 **COURSE DESC:** Supervised teaching experience for students who have completed student teaching or its equivalent and are seeking certification in another field. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 658
	VERSION: REV **COURSE:** EDS6260 - Practicum in Special Education: Early Childhood Intervention Specialist **STUDENT REC TITLE:** Practicum: ECIS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Educators with prior teaching licenses, under the direct supervision of an experienced Intervention Specialist, are assigned to a school for intensive teaching experience in preK-3rd grade special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 8 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: Early Childhood Intervention Specialist ADD INFO: Licensure programs for which the course is required: Early Childhood Intervention Specialist SEM PREREQ: EDS 6200, 6220, 6240, 6400, 6510, 6530, 6550, 6570, 6590, 6630, 6690 ; and 6990 (with concurrency) QTR EQUIV: ED 658

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7407 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/11/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** ED658 - Practicum in Education **STUDENT REC TITLE:** Practicum in Education **EFFECTIVE:** Spring 2011 **COURSE DESC:** Supervised teaching experience for students who have completed student teaching or its equivalent and are seeking certification in another field. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 658
	VERSION: REV **COURSE:** ISG7300 - Practicum in Gifted Education **STUDENT REC TITLE:** Practicum in Gifted Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Educators with prior teaching licenses, under the direct supervision of an experienced Intervention Specialist, are assigned to a school for intensive teaching experience in K-12 grade special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 8 REP TIMES: 0 RESTRICTION: Acceptance into the Gifted Education Endorsement Program ADD INFO: Required for license in Gifted Endorsement SEM PREREQ: ISG 7200, ISG 7220, ISG 7240, ISG 7260, ISG 7280 QTR EQUIV: ED 658

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6135 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED661 - Internship: Multi-Age **STUDENT REC TITLE:** Internship: Multi-Age **EFFECTIVE:** Winter 2011 **COURSE DESC:** Students are assigned to a school site for lead teaching experience under the direct supervision of an experienced classroom teacher. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 661
	VERSION: REV **COURSE:** ED6580 - Student Teaching: Multi-Age Visual Arts **STUDENT REC TITLE:** Stdt Tchng: MA/Vis Arts **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience grades p-12 in Multi-Age Visual Arts. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 16 REP TIMES: 2 SEM PREREQ: ED 6480 Minimum grade of P COREQ: ED 6920 QTR EQUIV: ED 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7755 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 5/4/11 **APPROVED:** 5/24/11 WorkFlow	**VERSION:** CURR **COURSE:** ED660 - Practicum in English Education **STUDENT REC TITLE:** Practicum in English Ed **EFFECTIVE:** Fall 2011 **COURSE DESC:** Students are assigned to an instructional class that focuses on the teaching of English to speakers of other languages (TESOL) for supervised practicum experience. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 660
	VERSION: REV **COURSE:** ED6610 - Practicum in Teaching English as a Second Language **STUDENT REC TITLE:** Practicum: TESOL **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates holding a valid teaching license, under direct supervision of an experienced classroom teacher, are assigned to a school for intensive teaching experience in grades K-12 in Teaching English as a Second Language (TESOL). **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 8 REP TIMES: 0 ADD INFO: Required for Ohio Teaching License in Teaching English as a Second Language QTR EQUIV: ED 660

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6114 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/10/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** ED664 - Measurement and Assessment in Education **STUDENT REC TITLE:** Measurement & Assessment **EFFECTIVE:** Winter 2011 **COURSE DESC:** Evaluation of learning, including selected forms of measurement and interpretation of data: sociometric techniques, anecdotal records, and testing. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 664
	VERSION: REV **COURSE:** ED6840 - Measurement and Assessment in Education **STUDENT REC TITLE:** MEAS & ASSESSMENT IN ED **EFFECTIVE:** Fall 2012 **COURSE DESC:** The design and integration of traditional and alternative assessment in the classroom. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: None SEM PREREQ: None QTR EQUIV: ED 664

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3308 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/18/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED731 - Adolescent and Young Adult Science: Methods, Curriculum and Materials **STUDENT REC TITLE:** Adol/Young Adult Science **EFFECTIVE:** Fall 2010 **COURSE DESC:** Methods, curriculum, and materials for teaching adolescent school science: emphasis on philosophy, planning and implementation, evaluation, resources and facilities, and historical and contemporary curricular trends in science education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 731
	VERSION: REV **COURSE:** ED6660 - Adolescent and Young Adult Integrated Science: Curriculum And Materials I **STUDENT REC TITLE:** AYA: INT SCIENCE: C&M I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Methods, curriculum, and materials for teaching adolescent school science: emphasis on philosophy, planning and implementation, evaluation, resources and facilities, and historical and contemporary curricular trends in science education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Adolescent and Young Adult: Integrated Science QTR EQUIV: ED 731

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7812 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 5/31/11 **APPROVED:** 6/17/11 WorkFlow	**VERSION:** CURR **COURSE:** ED670 - Curriculum and Instruction Workshop **STUDENT REC TITLE:** Curric & Instruct Wrkshp **EFFECTIVE:** Fall 2011 **COURSE DESC:** Intensive study of a selected area of the school curriculum designed to meet the particular needs of the participating preservice and in-service teachers, administrators, and curriculum supervisors. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 670
	VERSION: REV **COURSE:** ED6900 - Workshops in Education **STUDENT REC TITLE:** Workshops in Education **EFFECTIVE:** Fall 2012 **COURSE DESC:** Workshops in selected areas of education taught through the Division of Professional Development (DPD) **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 0.5 - 5 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 QTR EQUIV: ED 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3311 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/18/10 **APPROVED:** 6/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ED746 - Science, Technology, Society as a Teaching Imperative **STUDENT REC TITLE:** Sci,Tech,Soc as Tch Imper **EFFECTIVE:** Fall 2010 **COURSE DESC:** Curriculum and materials concerned with issues that interface science, technology, and society (STS) now and in the future. Clinical experiences, approaches to teaching, the professional literature, and resources and facilities are emphasized. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 731 Minimum Grade of C QTR EQUIV: ED 746
	VERSION: REV **COURSE:** ED6760 - Adolescent and Young Adult: Integrated Science: Curriculum and Materials II **STUDENT REC TITLE:** AYA: INT SCIENCE C&M II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Curriculum and materials concerned with issues at the interfaces of science, technology, and society (STS). Clinical experiences, methodology, literature, resources and rationale are emphasized. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Classroom Teacher: Adolescent and Young Adult: Integrated Science SEM PREREQ: ED 6660 Minimum Grade of C COREQ: ED 6460 QTR PREREQ: Graduate level ED 731 Minimum Grade of C QTR EQUIV: ED 746

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3779 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 6/15/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** REV **COURSE:** ED6830 - Using Research To Improve Classroom Instruction **STUDENT REC TITLE:** RESRCH TO IMP CLASS INST **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to reading educational research, including applied and theoretical and qualitative and quantitative. Differentiation of quality/applicability of research articles. Understanding researchable questions and how questions determine the methodology. Searching for appropriate literature. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8231 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/17/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6840 - Measurement and Assessment in Education **STUDENT REC TITLE:** MEAS & ASSESSMENT IN ED **EFFECTIVE:** Fall 2012 **COURSE DESC:** The design and integration of traditional and alternative assessment in the classroom. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 664
	VERSION: REV **COURSE:** ED6840 - Measurement and Assessment in Education **STUDENT REC TITLE:** MEAS & ASSESSMENT IN ED **EFFECTIVE:** Fall 2012 **COURSE DESC:** The design and integration of traditional and alternative assessment in the classroom. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 664

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3847 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 6/17/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** REV **COURSE:** ED6850 - Cultural and Communicative Competence for Educators **STUDENT REC TITLE:** CULT & COMM COMP FOR EDU **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines historical and current race/ethnic, gender, sexual orientation, ability, and social class stereotypes and biases as they relate to schooling and education. Students will identify personal preconceptions and learn ways of becoming culturally responsive educators. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6176 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/12/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** ED772 - Inquiry Project **STUDENT REC TITLE:** Inquiry Project **EFFECTIVE:** Winter 2011 **COURSE DESC:** Proposal design and research to support inquiry into the classroom content. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Programs: CT: Adolesc Young Adult - MED CT: Adolesc Young Adult - MA Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 772
	VERSION: REV **COURSE:** ED6890 - AYA/MA Capstone Research **STUDENT REC TITLE:** AYA/MA Capstone Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Initiation of a research project as a reflective investigation and progressive problem solving effort by individuals or groups to improve the quality of education in 7-12th grade educational environment. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 4 REP TIMES: 0 QTR EQUIV: ED 772

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8243 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/17/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6920 - PROFESSIONAL SEMINAR: AYA/MA **STUDENT REC TITLE:** PROF SEM: AYA/MA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teacher candidates will be provided the necessary knowledge and skills regarding issues affecting education to assist them in making a successful transition from being a teacher-candidate to becoming a professional educator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 652
	VERSION: REV **COURSE:** ED6920 - PROFESSIONAL SEMINAR: AYA/MA **STUDENT REC TITLE:** PROF SEM: AYA/MA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teacher candidates will be provided the necessary knowledge and skills regarding issues affecting education to assist them in making a successful transition from being a teacher-candidate to becoming a professional educator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 2 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 652

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8245 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/17/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6930 - Content Seminar: AYA Integrated Social Studies **STUDENT REC TITLE:** Cont Sem: AYA/Int Soc St **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Social Studies, assessment of the National Council for the Social Studies (NCSS) standards and the completion of the CEHS professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6930 - Content Seminar: AYA Integrated Social Studies **STUDENT REC TITLE:** Cont Sem: AYA/Int Soc St **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Social Studies, assessment of the National Council for the Social Studies (NCSS) standards and the completion of the CEHS professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate COREQ: ED 6530 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8244 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/17/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6940 - Content Seminar: AYA Integrated Language Arts **STUDENT REC TITLE:** Cont Sem: AYA/ILA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Language Arts, assessment of the National Council of Teachers of English (NCTE) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6940 - Content Seminar: AYA Integrated Language Arts **STUDENT REC TITLE:** Cont Sem: AYA/ILA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Language Arts, assessment of the National Council of Teachers of English (NCTE) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate COREQ: ED 6540 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8249 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/18/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6950 - Content Seminar: AYA Integrated Mathematics **STUDENT REC TITLE:** Cont Sem: AYA/Int Math **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Mathematics, assessment of the National Council of Teachers of Mathematics (NCTM) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6950 - Content Seminar: AYA Integrated Mathematics **STUDENT REC TITLE:** Cont Sem: AYA/Int Math **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Mathematics, assessment of the National Council of Teachers of Mathematics (NCTM) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate COREQ: ED 6550 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8226 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/17/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6960 - Content Seminar: AYA Integrated Science **STUDENT REC TITLE:** Cont Sem: AYA/Science **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Science, assessment of the National Science Teachers Association (NSTA) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6960 - Content Seminar: AYA Integrated Science **STUDENT REC TITLE:** Cont Sem: AYA/Science **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Adolescent and Young Adult Internship focusing on pedagogical content knowledge in Integrated Science, assessment of the National Science Teachers Association (NSTA) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate COREQ: ED 6560 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8224 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/17/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6970 - Content Seminar: Multi Age Modern Language **STUDENT REC TITLE:** Cont Sem: MA/Modern Lang **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Multi-Age Modern Language Internship focusing on pedagogical content knowledge in Modern Languages, assessment of the American Council on the Teaching of Foreign Languages (ACTFL) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6970 - Content Seminar: Multi Age Modern Language **STUDENT REC TITLE:** Cont Sem: MA/Modern Lang **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Multi-Age Modern Language Internship focusing on pedagogical content knowledge in Modern Languages, assessment of the American Council on the Teaching of Foreign Languages (ACTFL) standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate COREQ: ED 6570 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8223 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/17/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6980 - Content Seminar: Multi Age Visual Arts **STUDENT REC TITLE:** Cont Sem: Multi-age/Vis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Multi-Age Visual Arts Internship focusing on pedagogical content knowledge in Visual Arts, assessment based on the Ohio Multi-Age Visual Arts Standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 653
	VERSION: REV **COURSE:** ED6980 - Content Seminar: Multi Age Visual Arts **STUDENT REC TITLE:** Cont Sem: Multi-age/Vis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar accompanying Multi-Age Visual Arts Internship focusing on pedagogical content knowledge in Visual Arts, assessment based on the Ohio Multi-Age Visual Arts Standards and the completion of the professional portfolio. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate COREQ: ED 6580 QTR EQUIV: ED 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8225 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/17/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** CURR **COURSE:** ED6990 - AYA/MA Capstone Project **STUDENT REC TITLE:** AYA/MA Capstone Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Report on, dissemination of, or application of new learning based on completion of reflective investigation and progressive problem-solving effort to improve the quality of education in 7-12th grade educational environment. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ED 646
	VERSION: REV **COURSE:** ED6990 - AYA/MA Capstone Project **STUDENT REC TITLE:** AYA/MA Capstone Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Report on, dissemination of, or application of new learning based on completion of reflective investigation and progressive problem-solving effort to improve the quality of education in 7-12th grade educational environment. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Graduate level ED 6890 QTR EQUIV: ED 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
65 **STATUS:** Complete **CREATOR:** Charlotte Harris **CREATED:** 10/28/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED700 - Advanced Studies Seminar I: Introduction **STUDENT REC TITLE:** Adv Stu Sem I: Intro **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introductory class required of students beginning Classroom Teacher: Advanced Studies to design a Program of Study (POS) and become familiar with program goals, timelines, comprehensive exam, portfolio and capstone project requirements. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Classroom Teacher QTR PREREQ: None QTR EQUIV: ED 700
	VERSION: REV **COURSE:** ED7000 - Advanced Studies Seminar I: Introduction **STUDENT REC TITLE:** Adv Stu Sem I: Intro **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory seminar to introduce students beginning the Classroom Teacher: Advanced Studies program to program goals, timelines, requirements, and assessments. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in Classroom Teacher: Advanced Studies SEM PREREQ: None QTR PREREQ: None QTR EQUIV: ED 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8214 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/13/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** ED7000 - Advanced Studies Seminar I: Introduction **STUDENT REC TITLE:** Adv Stu Sem I: Intro **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory seminar to introduce students beginning the Classroom Teacher: Advanced Studies program to program goals, timelines, requirements, and assessments. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Classroom Teacher QTR EQUIV: ED 700
	VERSION: REV **COURSE:** ED7000 - Advanced Studies Seminar I: Introduction **STUDENT REC TITLE:** Adv Studies Sem I: Intro **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar will focus on program requirements, transition points, key assessments, and literature reviews. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must have graduate status. ADD INFO: Required course for the Advanced Studies program. QTR EQUIV: ED 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6904 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/19/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** ED701 - Advanced Educational Psychology **STUDENT REC TITLE:** Advanced Educ Psychology **EFFECTIVE:** Winter 2011 **COURSE DESC:** Selected theories of learning and the relationship between the theories and instructional practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ED 701
	VERSION: REV **COURSE:** ED7830 - Advanced Educational Psychology **STUDENT REC TITLE:** Adv Educational Psych **EFFECTIVE:** Fall 2012 **COURSE DESC:** Gain an advanced understanding of learning processes, student motivation, and educational assessment based on theoretical principles from the field of educational psychology **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: None ADD INFO: Licensure program for which this course is required: Advanced Studies SEM PREREQ: None QTR EQUIV: ED 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1993 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 2/2/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** ED702 - Principles, Practices and Learning in Grades 4 and 5 **STUDENT REC TITLE:** PRINC/PRACT/LEARN - 4-5 **EFFECTIVE:** Spring 2010 **COURSE DESC:** Historical and philosophical concepts of middle school are viewed in relation to specific needs and characteristics of early adolescents. Curricular and instructional practices are examined in relation to grades 4 & 5. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Early Childhood Genrlst - End QTR PREREQ: None QTR EQUIV: ED 702
	VERSION: REV **COURSE:** ED7020 - Principles, Practices and Learning in Grades 4 and 5 **STUDENT REC TITLE:** PRINC/PRACT/LEARN - 4-5 **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course expands the Early Childhood educator's understanding of the development of the young child in pre-adolescence and aligns developmentally appropriate pedagogical strategies and practices for effective teaching and learning. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Early Childhood Generalist 4-5 Endorsement SEM PREREQ: None QTR PREREQ: None QTR EQUIV: ED 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7587 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/8/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** ED702 - Principles, Practices and Learning in Grades 4 and 5 **STUDENT REC TITLE:** PRINC/PRACT/LEARN - 4-5 **EFFECTIVE:** Spring 2011 **COURSE DESC:** Historical and philosophical concepts of middle school are viewed in relation to specific needs and characteristics of early adolescents. Curricular and instructional practices are examined in relation to grades 4 & 5. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Early Childhood Genrlst - End QTR EQUIV: ED 702
	VERSION: REV **COURSE:** ED7020 - Principles, Practices, and Learning in Grades 4/5 **STUDENT REC TITLE:** Prin Pract and Learn 4/5 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of the young child in pre-adolescence; developmentally appropriate pedagogical strategies and practices for effective teaching and learning **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Early Childhood Generalist 4-5 Endorsement Program QTR EQUIV: ED 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7600 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/17/11 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** CURR **COURSE:** ED703 - Reading and Language Arts Instruction in Social Studies for Grades 4 & 5 **STUDENT REC TITLE:** READING & LA IN SOC ST 4-5 **EFFECTIVE:** Spring 2011 **COURSE DESC:** This course builds the pedagogical and content knowledge of content area learning using grade 4 and 5 Social Studies and focusing on the Ohio Academic Content Standards in Social Studies and Language Arts. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Early Childhood Genrlst - End QTR EQUIV: ED 703
	VERSION: REV **COURSE:** ED7030 - Reading and Language Arts Instruction in Social Studies for Grades 4 and 5 **STUDENT REC TITLE:** LA and SS Grades 4/5 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Pedagogy and content knowledge of content area reading through the study of grades 4 and 5 social studies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: ED 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6905 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/19/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** ED704 - Inquiry into Foundations of Education **STUDENT REC TITLE:** Inqry Into Fndtns of Ed **EFFECTIVE:** Winter 2011 **COURSE DESC:** The past and present social, philosophical, and psychological trends and issues in education in a democratic society. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: ED 704
	VERSION: REV **COURSE:** ED7840 - Inquiry into Foundations of Education **STUDENT REC TITLE:** Inq to Foundations Educ **EFFECTIVE:** Fall 2012 **COURSE DESC:** An inquiry into the historical, philosophical, cultural, and social trends and issues in education in a democratic society **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Required for: Advanced Studies SEM PREREQ: None QTR PREREQ: None QTR EQUIV: ED 704

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7588 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/8/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** ED705 - Effective Science Instruction for Grades 4 & 5 **STUDENT REC TITLE:** SCIENCE INSTR GRADES 4/5 **EFFECTIVE:** Spring 2011 **COURSE DESC:** Integrates content, developmentally appropriate pedagogy and curriculum and material suitable for teaching fourth and fifth grade science. Emphasizes content pertinent to the Ohio academic content standards pertaining to the environment and sustainability. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Early Childhood Genrlst - End QTR EQUIV: ED 705
	VERSION: REV **COURSE:** ED7050 - Effective Science Instruction for Grades 4 and 5 **STUDENT REC TITLE:** Sci Instr Grades 4/5 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Curriculum and materials for teaching middle level science pertinent to the Ohio Academic Content Standards with emphasis on content, developmentally appropriate pedagogy, curriculum and materials suitable for teaching fourth and fifth grade science education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Early Childhood Generalist 4-5 Endorsement Program QTR EQUIV: ED 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
10 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/27/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED706 - Theoretical Foundations of Reading **STUDENT REC TITLE:** Theor Found of Reading **EFFECTIVE:** Winter 2010 **COURSE DESC:** Development of an understanding of historical background and theories related to effective teacher decision making in the instruction of reading based on children's language acquisition, cognition and social development. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End Classroom Teacher - MED QTR EQUIV: ED 706
	VERSION: REV **COURSE:** ED7060 - Theoretical Foundations of Reading **STUDENT REC TITLE:** Theor Found of Reading **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of an understanding of historical background and theories related to effective teacher decision making in the instruction of reading based on children's language acquisition, cognition and social development. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End Classroom Teacher - MED Reading QTR EQUIV: ED 706

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7594 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/14/11 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** CURR **COURSE:** ED707 - Effective Mathematics Instruction for Grades 4 and 5 **STUDENT REC TITLE:** EFF MATH INSTR GRADES 4-5 **EFFECTIVE:** Spring 2011 **COURSE DESC:** Integrates mathematics content and methods for grades 4/5 and focuses on deep understanding of key topics for this transition period from early number sense to more advanced mathematical content such as proportional reasoning. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Early Childhood Genrlst - End QTR EQUIV: ED 707
	VERSION: REV **COURSE:** ED7070 - Effective Mathematics Instruction for Grades 4 and 5 **STUDENT REC TITLE:** Math Inst Grades 4/ 5 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Curriculum and materials for teaching middle level mathematics pertinent to the Ohio Academic Content Standards with emphasis on content, developmentally appropriate pedagogy, curriculum and materials suitable for teaching fourth and fifth grade mathematics education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 XLIST: MTE 6140 QTR EQUIV: ED 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
141 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/30/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED712 - Literature for Instruction of Diverse Learners **STUDENT REC TITLE:** Literature for Instructn **EFFECTIVE:** Winter 2010 **COURSE DESC:** Knowledge of literature as an instructional tool in a diverse culture. Introduction to scholarly and critical writing about literature and classroom practices. Application of research and critical ideas, exploration of internationalism in literature. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End Must be enrolled in one of the following Concentrations: Reading Education QTR PREREQ: Graduate level ED 706 Minimum Grade of C QTR EQUIV: ED 712
	VERSION: REV **COURSE:** ED7120 - Literature for Instruction of Diverse Learners **STUDENT REC TITLE:** Literature for Instructn **EFFECTIVE:** Fall 2012 **COURSE DESC:** Knowledge of literature as an instructional tool in a diverse culture. Introduction to scholarly and critical writing about literature and classroom practices. Application of research and critical ideas, exploration of internationalism in literature. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End Must be enrolled in one of the following Concentrations: Reading Education SEM PREREQ: ED 7060; Minimum Grade of C QTR PREREQ: Graduate level ED 706 Minimum Grade of C QTR EQUIV: ED 712

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
78 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/29/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED717 - Instruction in Word Study: Phonics **STUDENT REC TITLE:** Word Study: Phonics **EFFECTIVE:** Winter 2010 **COURSE DESC:** In-depth analysis of how people learn printed words related to instructional procedures in schools. Students will apply knowledge in a tutoring situation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 716 Minimum Grade of C (ED 716 can be taken concurrently) QTR EQUIV: ED 717
	VERSION: REV **COURSE:** ED7170 - Instruction in Word Study: Phonics **STUDENT REC TITLE:** Word Study: Phonics **EFFECTIVE:** Fall 2012 **COURSE DESC:** In-depth analysis of how people learn printed words related to instructional procedures in schools. Students will apply knowledge in a tutoring situation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ED 7060; Minimum Grade of C QTR PREREQ: Graduate level ED 716 Minimum Grade of C (ED 716 can be taken concurrently) QTR EQUIV: ED 717

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3350 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 5/20/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED722 - Teaching Writing K-12 **STUDENT REC TITLE:** Teaching Writing K-12 **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of writing methodologies and the processes of teaching writing in grades k-12. Includes research into the theories of writing acquisition and the role of writing in reading. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End Classroom Teacher - MED QTR PREREQ: Graduate level ED 706; Minimum Grade of C QTR EQUIV: ED 722
	VERSION: REV **COURSE:** ED7220 - Teaching Writing K-12 **STUDENT REC TITLE:** Teaching Writing K-12 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of writing methodologies and the processes of teaching writing in grades K-12. Includes research into the theories of writing acquisition and the role of writing in reading. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End or Classroom Teacher - MED Reading Concentration SEM PREREQ: ED 7060; Minimum Grade of C QTR PREREQ: Graduate level ED 706; Minimum Grade of C QTR EQUIV: ED 722

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7196 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/31/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** ED7400 - Master of Science in Teaching (Earth Science) Project Development **STUDENT REC TITLE:** MST Project Development **EFFECTIVE:** Fall 2012 **COURSE DESC:** Assists graduate students in the Master of Science in Teaching (Earth Science) program to choose, develop and finalize a MST project proposal, choosing a faculty project committee and completing midpoint TK20 assignment. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
174 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED745 - Content Reading Instruction Grades K-12 **STUDENT REC TITLE:** Content Reading Inst K-12 **EFFECTIVE:** Winter 2010 **COURSE DESC:** Provides a wide range of activites for involving students in content learning, grades K-12. Includes attention to vocabulary/concept development and critical reading in fiction and nonfiction materials. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: ED 716; Minimum Grade of C, and ED 717; Minimum Grade of C QTR EQUIV: ED 745
	VERSION: REV **COURSE:** ED7450 - Content Reading Instruction Grades K-12 **STUDENT REC TITLE:** Content Reading Inst K-1 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides a wide range of activites for involving students in content learning, grades K-12. Includes attention to vocabulary/concept development and critical reading in fiction and nonfiction materials. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: ED 7220; Minimum Grade of C QTR PREREQ: ED 716; Minimum Grade of C, and ED 717; Minimum Grade of C QTR EQUIV: ED 745

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8185 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/11/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** REV **COURSE:** ED7470 - Reading Recovery Training I **STUDENT REC TITLE:** Reading Recovery I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teachers learn to apply Marie Clay's theory of literacy processing while teaching Reading Recovery students. Key concepts include targeted instruction through assessment, the reciprocity of reading and writing, and teaching for accelerated learning. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 6 REP TIMES: 0 RESTRICTION: Instructor permission

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8186 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/11/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** REV **COURSE:** ED7480 - Reading Recovery Training Course II **STUDENT REC TITLE:** Reading Recovery II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teachers deepen their understanding of Clay's literacy processing theory through contingent instruction based on student data. Key concepts include teaching for phrased reading within fluent processing and flexible problem solving in reading and writing. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 6 REP TIMES: 0 RESTRICTION: Instructor permission

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
175 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED750 - Diagnosis and Assessment of Reading Performance **STUDENT REC TITLE:** Diagonosis and Assessment **EFFECTIVE:** Winter 2010 **COURSE DESC:** Course prepares candidates to recognize variations of reading and writing performance in students' different developmental stages. Candidates learn about various assessment instruments and administer and analyze those instruments for an emergent and developing reader. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End Classroom Teacher - MED QTR PREREQ: Graduate level ED 745 Minimum Grade of C QTR EQUIV: ED 750
	VERSION: REV **COURSE:** ED7500 - Diagnosis and Assessment of Reading Performance **STUDENT REC TITLE:** Diagonosis and Assessmen **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course prepares candidates to recognize variations of reading and writing performance in students' different developmental stages. Candidates learn about various assessment instruments and administer and analyze those instruments for an emergent and developing reader. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End Classroom Teacher - MED Concentration Reading SEM PREREQ: ED 7450; Minimum Grade of C QTR PREREQ: Graduate level ED 745 Minimum Grade of C QTR EQUIV: ED 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
176 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED756 - Practicum I: Intervention for At Risk Readers **STUDENT REC TITLE:** Pract I: Intervention **EFFECTIVE:** Winter 2010 **COURSE DESC:** Candidate tutors K-12 students whose needs were identified in ED750. Involves professional readings, seminars, individual conferences and supervision of interactions with students and adults. Outreach includes sharing student findings with appropriate school personnel. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End Classroom Teacher - MED QTR PREREQ: Graduate level ED 750 Minimum Grade of C QTR EQUIV: ED 756
	VERSION: REV **COURSE:** ED7560 - Practicum I: Intervention for At Risk Readers **STUDENT REC TITLE:** Pract I: Intervention **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidate tutors K-12 students whose needs were identified in ED750. Involves professional readings, seminars, individual conferences and supervision of interactions with students and adults. Outreach includes sharing student findings with appropriate school personnel. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Reading Education - End Classroom Teacher - MED Concentration Reading SEM PREREQ: ED 7500; Minimum Grade of C QTR PREREQ: Graduate level ED 750 Minimum Grade of C QTR EQUIV: ED 756

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
177 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED760 - Practicum II: Professional Learning and Leadership **STUDENT REC TITLE:** Learning and Leadership **EFFECTIVE:** Winter 2010 **COURSE DESC:** Candidates explore adult level interaction through the development of a professional development opportunity. Involves student-led discussions, study of androgogy and the importance of strong adult connections in schools. Observation by formal practicum supervisor. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Classroom Teacher - MED Must be enrolled in one of the following Concentrations: Reading Education QTR PREREQ: Graduate level ED 756 Minimum Grade of C QTR EQUIV: ED 760
	VERSION: REV **COURSE:** ED7650 - Practicum II: Professional Learning and Leadership **STUDENT REC TITLE:** Learning and Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates explore adult level interaction through the development of a professional development opportunity. Involves student-led discussions, study of androgogy and the importance of strong adult connections in schools. Observation by formal practicum supervisor. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Classroom Teacher - MED Must be enrolled in one of the following Concentrations: Reading Education SEM PREREQ: ED 7560; Minimum Grade of C QTR PREREQ: Graduate level ED 756 Minimum Grade of C QTR EQUIV: ED 760

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
83 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 10/30/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED765 - Current Topics and Issues in Reading **STUDENT REC TITLE:** Current Topics and Issues **EFFECTIVE:** Winter 2010 **COURSE DESC:** Examines "hot topics" of literacy instruction at the current time and the impact that these topics have on instruction and schools along with other pertinent topics of interest to candidates. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Classroom Teacher - MED Must be enrolled in one of the following Concentrations: Reading Education QTR PREREQ: Graduate level ED 760 Minimum Grade of C QTR EQUIV: ED 765
	VERSION: REV **COURSE:** ED7600 - Current Topics and Issues in Reading **STUDENT REC TITLE:** Current Topics and Issue **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines "hot topics" of literacy instruction at the current time and the impact that these topics have on instruction and schools along with other pertinent topics of interest to candidates. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Classroom Teacher - MED Must be enrolled in one of the following Concentrations: Reading Education SEM PREREQ: ED 7560; Minimum Grade of C QTR PREREQ: Graduate level ED 760 Minimum Grade of C QTR EQUIV: ED 765

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2314 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 3/10/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED780 - Action Research Methods **STUDENT REC TITLE:** Action Research Methods **EFFECTIVE:** Winter 2010 **COURSE DESC:** Examines action research as an integral part of professional reflective practice. Builds an understanding of the background of action research and the practical steps as candidates develop and conduct an action research project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Programs: Classroom Teacher - MED Must be enrolled in one of the following Concentrations: Reading Education QTR PREREQ: Graduate level ED 765 QTR EQUIV: ED 780
	VERSION: REV **COURSE:** ED7800 - Research in Reading **STUDENT REC TITLE:** Research in Reading **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines methods teachers use to research reading issues. A background in research with a focus on the practical steps of action research allows Candidates to develop and conduct personal research. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Classroom Teacher - MED Must be enrolled in one of the following Concentrations: Reading Education SEM PREREQ: ED 7650 Minimum Grade of C QTR PREREQ: Graduate level ED 765 QTR EQUIV: ED 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
181 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED781 - Practicum III: Literacy Research Seminar **STUDENT REC TITLE:** Literacy Research Seminr **EFFECTIVE:** Winter 2010 **COURSE DESC:** In an outrearch to schools each candidate presents information and findings from action research in professional development sessions involving follow-up and projected next steps for the schools and teachers. Involves formal clinical supervision. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Programs: Classroom Teacher - MED Must be enrolled in one of the following Concentrations: Reading Education QTR PREREQ: Graduate level ED 780; Minimum Grade of C QTR EQUIV: ED 781
	VERSION: REV **COURSE:** ED7810 - Practicum III: Literacy Research Seminar **STUDENT REC TITLE:** Literacy Research Seminr **EFFECTIVE:** Fall 2012 **COURSE DESC:** In an outrearch to schools each candidate presents information and findings from action research in professional development sessions involving follow-up and projected next steps for the schools and teachers. Involves formal clinical supervision. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Classroom Teacher - MED Must be enrolled in one of the following Concentrations: Reading Education SEM PREREQ: ED 7800; Minimum Grade of C QTR PREREQ: Graduate level ED 780; Minimum Grade of C QTR EQUIV: ED 781

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
183 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** ED790 - Coaching in Diverse Classrooms **STUDENT REC TITLE:** Coaching Diverse Classrm **EFFECTIVE:** Winter 2010 **COURSE DESC:** Online course focuses on the preparation of literacy specialists to coach teachers in the implementation of culturallly responsive instruction in diverse settings. Emphasis is placed on connections between current theory, research and instructional practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Literacy Specialist Endrsmnt QTR EQUIV: ED 790
	VERSION: REV **COURSE:** ED7900 - Coaching in Diverse Classrooms **STUDENT REC TITLE:** Coaching Diverse Classrm **EFFECTIVE:** Fall 2012 **COURSE DESC:** Online course focuses on the preparation of literacy specialists to coach teachers in the implementation of culturallly responsive instruction in diverse settings. Emphasis is placed on connections between current theory, research and instructional practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Literacy Specialist Endrsmnt QTR EQUIV: ED 790

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
185 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED791 - Pedagogy of Effective Literacy Instruction **STUDENT REC TITLE:** Pedagogy Eff Lit Instruc **EFFECTIVE:** Winter 2010 **COURSE DESC:** Online course enables candidates to demonstrate knowledge of a wide range of instructional practices, methods, and curriculum materials, including technology, that support effective reading and writing instruction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Literacy Specialist Endrsmnt May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: ED 790; Minimum Grade of C QTR EQUIV: ED 791
	VERSION: REV **COURSE:** ED7910 - Pedagogy of Effective Literacy Instruction **STUDENT REC TITLE:** Pedagogy Eff Lit Instruc **EFFECTIVE:** Fall 2012 **COURSE DESC:** Online course enables candidates to demonstrate knowledge of a wide range of instructional practices, methods, and curriculum materials, including technology, that support effective reading and writing instruction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Literacy Specialist Endrsmnt May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: ED 7900; Minimum Grade of C QTR PREREQ: ED 790; Minimum Grade of C QTR EQUIV: ED 791

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
186 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED792 - Coaching for Effective Assessment Practice **STUDENT REC TITLE:** Coaching Eff Assess Prac **EFFECTIVE:** Winter 2010 **COURSE DESC:** Online course designed for the preparation of literacy specialists, this course teaches knowledge, skills and dispositions in school-based professional development and coaching in classroom-based assessment concepts and skills. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Literacy Specialist Endrsmnt May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: ED 791; Minimum Grade of C QTR EQUIV: ED 792
	VERSION: REV **COURSE:** ED7920 - Coaching for Effective Assessment Practice **STUDENT REC TITLE:** Coaching Eff Assess Prac **EFFECTIVE:** Fall 2012 **COURSE DESC:** Online course designed for the preparation of literacy specialists, this course teaches knowledge, skills and dispositions in school-based professional development and coaching in classroom-based assessment concepts and skills. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Literacy Specialist Endrsmnt May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: ED 7910; Minimum Grade of C QTR PREREQ: ED 791; Minimum Grade of C QTR EQUIV: ED 792

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
187 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** ED793 - Professional Development in Literacy **STUDENT REC TITLE:** Prof Dev in Literacy **EFFECTIVE:** Winter 2010 **COURSE DESC:** Online course introduces research and knowledge bases related to teacher professional development from a variety of perspectives. Examines multiple approaches to supporting teacher professional development, including coaching. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Literacy Specialist Endrsmnt May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: ED 792; Minimum Grade of C QTR EQUIV: ED 793
	VERSION: REV **COURSE:** ED7930 - Professional Development in Literacy **STUDENT REC TITLE:** Prof Dev in Literacy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Online course introduces research and knowledge bases related to teacher professional development from a variety of perspectives. Examines multiple approaches to supporting teacher professional development, including coaching. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Literacy Specialist Endrsmnt May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: ED 7920; Minimum Grade of C QTR PREREQ: ED 792; Minimum Grade of C QTR EQUIV: ED 793

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
182 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED794 - Advanced Literacy Research **STUDENT REC TITLE:** Advanced Lit Research **EFFECTIVE:** Winter 2010 **COURSE DESC:** Online course examines literacy research as an integral part of professional development. Builds on understanding of various research paradigms in reading and writing instruction to advance understanding of evidence-based practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Literacy Specialist Endrsmnt QTR PREREQ: ED 793; Minimum Grade of C QTR EQUIV: ED 794
	VERSION: REV **COURSE:** ED7940 - Advanced Literacy Research **STUDENT REC TITLE:** Advanced Lit Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Online course examines literacy research as an integral part of professional development. Builds on understanding of various research paradigms in reading and writing instruction to advance understanding of evidence-based practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Literacy Specialist Endrsmnt SEM PREREQ: ED 7930; Minimum Grade of C QTR PREREQ: ED 793; Minimum Grade of C QTR EQUIV: ED 794

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
184 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED795 - Literacy Internship I **STUDENT REC TITLE:** Literacy Internship I **EFFECTIVE:** Winter 2010 **COURSE DESC:** School-based practicum over an academic year includes providing group and individual professional development to colleagues for continuous improvement of literacy curriculum, instruction, and assessment. Clinical experiences focus on decision making to inform coaching. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Programs: Literacy Specialist Endrsmnt QTR PREREQ: ED 794; Minimum Grade of C QTR EQUIV: ED 795
	VERSION: REV **COURSE:** ED7950 - Literacy Internship I **STUDENT REC TITLE:** Literacy Internship I **EFFECTIVE:** Fall 2012 **COURSE DESC:** School-based practicum over an academic year includes providing group and individual professional development to colleagues for continuous improvement of literacy curriculum, instruction, and assessment. Clinical experiences focus on decision making to inform coaching. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 4 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Literacy Specialist Endrsmnt SEM PREREQ: ED 7940; Minimum Grade of C QTR PREREQ: ED 794; Minimum Grade of C QTR EQUIV: ED 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
188 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ED796 - Literacy Internship II **STUDENT REC TITLE:** Literacy Internship II **EFFECTIVE:** Winter 2010 **COURSE DESC:** School-based practicum over an academic year includes providing group and individual professional development to colleagues for continuous improvement of literacy curriculum, instruction, and assessment. Clinical experiences focus on decision making to inform coaching. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Programs: Literacy Specialist Endrsmnt May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: ED 796; Minimum Grade of C QTR EQUIV: ED 796
	VERSION: CURR **COURSE:** ED797 - Literacy Internship III **STUDENT REC TITLE:** Literacy Internship III **EFFECTIVE:** Winter 2010 **COURSE DESC:** School-based practicum over an academic year includes providing group and individual professional development to colleagues for continuous improvement of literacy curriculum, instruction, and assessment. Clinical experiences focus on focus on decision making to inform coaching. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Programs: Literacy Specialist Endrsmnt May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: ED 796; Minimum Grade of C QTR EQUIV: ED 796
	VERSION: REV **COURSE:** ED7960 - Literacy Internship II: Capstone **STUDENT REC TITLE:** Literacy Internship II **EFFECTIVE:** Fall 2012 **COURSE DESC:** School-based practicum over an academic year includes providing group and individual professional development to colleagues for continuous improvement of literacy curriculum, instruction, and assessment. Clinical experiences focus on focus on decision making to inform coaching. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
188 **STATUS:** Complete **CREATOR:** Jaclyn Stevens **CREATED:** 11/2/09 **APPROVED:** 2/8/10 WorkFlow	**GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 4 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Literacy Specialist Endrsmnt May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: ED 7950; Minimum Grade of C QTR PREREQ: ED 796; Minimum Grade of C QTR EQUIV: ED 796

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3361 **STATUS:** Complete **CREATOR:** Charlotte Harris **CREATED:** 5/20/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ED799 - Advanced Studies Seminar II: Transition **STUDENT REC TITLE:** Adv Stu Sem II: Trans **EFFECTIVE:** Winter 2010 **COURSE DESC:** Course required of continuing students in Classroom Teacher: Advanced Studies to review and assess progress toward program completion through external review, portfolio check, comprehensive exam and proposal for capstone project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Classroom Teacher QTR PREREQ: Graduate level ED 700 Minimum Grade of P and Graduate level ED 701 Minimum Grade of C and Graduate level ED 704 Minimum Grade of C and Graduate level ED 715 Minimum Grade of C or Graduate level EDL 751 Minimum Grade of C or Graduate level EDL 759 Minimum Grade of C QTR EQUIV: ED 799
	VERSION: REV **COURSE:** ED7990 - Advanced Studies Seminar II: Transition **STUDENT REC TITLE:** Adv Stu Sem II: Trans **EFFECTIVE:** Fall 2012 **COURSE DESC:** Midpoint seminar for students in Classroom Teacher: Advanced Studies to review and assess progress toward program completion and develop proposal for capstone project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in Classroom Teacher: Advanced Studies ADD INFO: Must have completed the research methods course and at least 50% of the program of study SEM PREREQ: ED 7000 Minimum Grade of P; ED 7830 Minimum Grade of C; EDL 7300 Minimum Grade of C QTR PREREQ: Graduate level ED 700 Minimum Grade of P and Graduate level ED 701 Minimum Grade of C and Graduate level ED 704 Minimum Grade of C and Graduate level ED 715 Minimum Grade of C or Graduate level EDL 751 Minimum Grade of C or Graduate level EDL 759 Minimum Grade of C QTR EQUIV: ED 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8251 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/18/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** CURR **COURSE:** ED7990 - Advanced Studies Seminar II: Transition **STUDENT REC TITLE:** Adv Stu Sem II: Trans **EFFECTIVE:** Fall 2012 **COURSE DESC:** Midpoint seminar for students in Classroom Teacher: Advanced Studies to review and assess progress toward program completion and develop proposal for capstone project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Classroom Teacher - MED May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Concentrations: Advanced Studies QTR EQUIV: ED 799
	VERSION: REV **COURSE:** ED7990 - Advanced Studies Seminar II: Transition **STUDENT REC TITLE:** Adv Studies Sem II: Tran **EFFECTIVE:** Fall 2012 **COURSE DESC:** Midpoint seminar will focus on applying knowledge of preK-12 classrooms, developing capstone project, and completing mid-point key assessments. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in Advanced Studies. ADD INFO: Required course for the Advanced Studies program. SEM PREREQ: Graduate level ED 7000 Minimum Grade of P and Graduate level ED 7830 Minimum Grade of C and Graduate level ED 7300 Minimum Grade of C QTR EQUIV: ED 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
68 **STATUS:** Complete **CREATOR:** Charlotte Harris **CREATED:** 10/28/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** ED820 - Advanced Studies: Seminar III: Capstone **STUDENT REC TITLE:** Adv Studies: Sem III: Cap **EFFECTIVE:** Winter 2010 **COURSE DESC:** Culminating course required of students completing Classroom Teacher: Advanced Studies including impact on student learning, exit portfolio and culminating project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Classroom Teacher QTR PREREQ: Graduate level ED 799 Minimum Grade of C QTR EQUIV: ED 820
	VERSION: REV **COURSE:** ED8200 - Advanced Studies: Seminar III: Capstone **STUDENT REC TITLE:** Adv Studies: Sem III: Ca **EFFECTIVE:** Fall 2012 **COURSE DESC:** Culminating seminar for students completing Classroom Teacher: Advanced Studies program to complete program requirements and assessments including comprehensive exam, portfolio, and capstone project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in Classroom Teacher: Advanced Studies ADD INFO: Should be in final term of program SEM PREREQ: ED 7990 Minimum Grade of C QTR PREREQ: Graduate level ED 799 Minimum Grade of C QTR EQUIV: ED 820

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8216 **STATUS:** Process **CREATOR:** Melissa Rubins **CREATED:** 1/13/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** CURR **COURSE:** ED8200 - Advanced Studies: Seminar III: Capstone **STUDENT REC TITLE:** Adv Studies: Sem III: Ca **EFFECTIVE:** Fall 2012 **COURSE DESC:** Culminating seminar for students completing Classroom Teacher: Advanced Studies program to complete program requirements and assessments including comprehensive exam, portfolio, and capstone project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Classroom Teacher QTR EQUIV: ED 820
	VERSION: REV **COURSE:** ED8200 - Advanced Studies: Seminar III: Capstone **STUDENT REC TITLE:** Adv Studies Sem III: Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar will focus on the master's capstone project and other program key assessments. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Required course for Advanced Studies programs; this should be candidates' last course to take on POS. ADD INFO: Required course for the Advanced Studies program. SEM PREREQ: Graduate level ED 7990 Minimum Grade of C QTR EQUIV: ED 820

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2374 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 3/18/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL661 - Student Development for Campus Life Programs **STUDENT REC TITLE:** Stu Dev Campus Life **EFFECTIVE:** Spring 2010 **COURSE DESC:** Provides overview of various student development concepts and functions within a campus setting. Topics may include: community development and leadership; multiculturalism; peer counseling; interpersonal communication; conflict mediation and resolution; developmental programming and developmental discipline. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 661
	VERSION: REV **COURSE:** SAA7630 - Diversity Issues **STUDENT REC TITLE:** Diversity Issues **EFFECTIVE:** Fall 2012 **COURSE DESC:** Multidisciplinary learning opportunity for students to explore and broaden their understanding of multicultural issues, privilege and oppression in the United States of America, with particular attention paid to these issues within higher education and student affairs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate; Must be in one of the following programs: SAHE ADD INFO: Course title, prefix, and number changed from EDL 661 Student Development for Campus Life Programs to SAA 7630 Diversity Issues. SEM PREREQ: SAA 7600, 7610 QTR EQUIV: EDL 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3945 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/22/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL661 - Student Development for Campus Life Programs **STUDENT REC TITLE:** Stu Dev Campus Life **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides overview of various student development concepts and functions within a campus setting. Topics may include: community development and leadership; multiculturalism; peer counseling; interpersonal communication; conflict mediation and resolution; developmental programming and developmental discipline. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 661
	VERSION: REV **COURSE:** SAA6630 - Career Dev. Theory & Skills Application **STUDENT REC TITLE:** Career Dev. Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** A variety of career development theories are explored including application to specific client cases. Focus will be on developing helping skills and building effective relationships as well as technology resources available to career advisors. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Name Change from EDL 661 Student Development for Campus Life Programs to SAA 6630 Career Development Theory and Skills Application QTR EQUIV: EDL 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3946 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/22/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL661 - Student Development for Campus Life Programs **STUDENT REC TITLE:** Stu Dev Campus Life **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides overview of various student development concepts and functions within a campus setting. Topics may include: community development and leadership; multiculturalism; peer counseling; interpersonal communication; conflict mediation and resolution; developmental programming and developmental discipline. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 661
	VERSION: REV **COURSE:** SAA6640 - Career Assessment and Employability **STUDENT REC TITLE:** Career Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analyze formal and informal assessment approaches to the career development process. Explore and evaluate job search strategies and resources for clients. A variety of career development theories are discussed and applied to client cases. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Name Change from EDL 661 Student Development for Campus Life Programs to SAA 6640 Career Assessment and Employability. QTR EQUIV: EDL 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3947 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/22/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL661 - Student Development for Campus Life Programs **STUDENT REC TITLE:** Stu Dev Campus Life **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides overview of various student development concepts and functions within a campus setting. Topics may include: community development and leadership; multiculturalism; peer counseling; interpersonal communication; conflict mediation and resolution; developmental programming and developmental discipline. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 661
	VERSION: REV **COURSE:** SAA6650 - Career Program and Service Development **STUDENT REC TITLE:** Career Program & Service **EFFECTIVE:** Fall 2012 **COURSE DESC:** Learn to develop effective career development programs and services for use with individuals and groups including diverse populations. Applying career development ethical standards and guidelines to client cases will be emphasized. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Name Change from EDL 661 Student Development for Campus Life Programs to SAA 6650 Career Programs and Service Development. QTR EQUIV: EDL 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7178 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 1/31/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL662 - Special Topics: TBA **STUDENT REC TITLE:** Spec Topics Stu Affairs **EFFECTIVE:** Spring 2011 **COURSE DESC:** Special topics in selected areas in Student Affairs in Higher Education designed to focus on management trends, theoretical frameworks, critical issues, specific professional areas within Student Affairs. Past topics have included Student Housing/Residential life and Management Issues in Student Affairs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** SAA6620 - Special Topics: SAHE **STUDENT REC TITLE:** Spec Topics Stu Affairs **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics related to the various functional areas and/or current issues in student affairs in higher education will be offered. Past topics have included Working with Students with Disabilities, Supervision Skills, Job Search in High Education, and Working with the Media. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7370 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/8/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL710 - Professional Growth and Development **STUDENT REC TITLE:** Profess Growth & Devel **EFFECTIVE:** Spring 2011 **COURSE DESC:** Provides students with a foundation for professional development. Emphasis on examination of belief systems, teaching styles, and teachers as-learners; intra- and interpersonal communication skills needed in leadership roles; and functioning in a multicultural/pluralistic society. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 710
	VERSION: REV **COURSE:** EDL7100 - Teacher Leader Master's Seminar: Entry **STUDENT REC TITLE:** Tchr Ldr Mstr Sem: Entry **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examining belief systems, teaching styles, teachers as learners; intra- and interpersonal communication skills needed in leadership roles; and functioning in a multicultural/pluralistic society. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1241 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** REV **COURSE:** EDL7110 - Teacher Leader Masters Seminar: Midpoint **STUDENT REC TITLE:** Tchr Ldr Sem: Midpoint **EFFECTIVE:** Fall 2012 **COURSE DESC:** Developing leadership skills and abilities; and, investigating the dynamics of team functioning, including decision-making models and processes, problem-solving techniques, communication skills, conflict management, and self-improvement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 4 REP TIMES: 4 RESTRICTION: Must be enrolled in one of the following levels: Graduate SPC FEE: Teacher Leader Fee (2014), $52.5

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7281 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL712 - Philosophical and Curricular Foundations **STUDENT REC TITLE:** Philos & Curr Foundatns **EFFECTIVE:** Spring 2011 **COURSE DESC:** Overview of past, present, and emerging curriculum trends. Examination of educational and curricular philosophy and how philosophy impacts school programs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL7120 - Philosophical and Curricular Foundations **STUDENT REC TITLE:** Philos & Curr Foundatns **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of past, present, and emerging curriculum trends. Examination of educational and curricular philosophy and how philosophy impacts school programs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1394 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/28/09 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL713 - Applied Psychology Learning Theory **STUDENT REC TITLE:** App Psych Learning Thery **EFFECTIVE:** Winter 2010 **COURSE DESC:** Selected theories of learning and their value to instructional practices. Emphasis on the relationships among learning theories, learner characteristics, motivational theories, and instructional practices. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 713
	VERSION: REV **COURSE:** EDL7130 - Applied Psychology Learning Theory **STUDENT REC TITLE:** App Psych Learning Thery **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected theories of learning and their value to instructional practices. Emphasis on the relationships among learning theories, learner characteristics, motivational theories, and instructional practices. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 713

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7334 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL714 - Context of Education **STUDENT REC TITLE:** Context of Education **EFFECTIVE:** Spring 2011 **COURSE DESC:** Emphasizes the evolution of theories and the laws that underlie the free compulsory educational system as well as the organization, control, and support by the public of the educational system. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL7140 - Context of Education **STUDENT REC TITLE:** Context of Education **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasizes the evolution of theories and the laws that underlie the free compulsory educational system as well as the organization, control, and support by the public of the educational system. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7280 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL720 - Analysis of Teaching **STUDENT REC TITLE:** Analysis of Teaching **EFFECTIVE:** Spring 2011 **COURSE DESC:** Focuses on teaching methods and skills, and on classroom climate, including microteaching, interaction analysis, and collection of feedback from students. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL7200 - Analysis of Teaching **STUDENT REC TITLE:** Analysis of Teaching **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analytic and practical approach to teaching methods and skills for inducing learning with attention to interaction analysis and cognitive science. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7419 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/14/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL721 - Curriculum Design for the Teacher **STUDENT REC TITLE:** Curr Design for Tchr **EFFECTIVE:** Spring 2011 **COURSE DESC:** Management and leadership skills as related to the development and organization of curriculum and materials; implementation of the learning program with students. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL7210 - Curriculum Designing for the Teacher **STUDENT REC TITLE:** Curr Design for Tchr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Management and leadership skills as related to developing and organizing curriculum and materials relating to implementing the learning program with students. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7282 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL722 - Instructional Management and Evaluation **STUDENT REC TITLE:** Instruct Manage & Eval **EFFECTIVE:** Spring 2011 **COURSE DESC:** Study of the management and evaluation of instruction. Emphasizes uses of systematic management and evaluation models by classroom teachers, and the impact of nonclassroom components of school/society on the teacher's management and evaluation of instruction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL7220 - Instructional Management and Evaluation **STUDENT REC TITLE:** Instruct Mgmt and Eval **EFFECTIVE:** Fall 2012 **COURSE DESC:** Strategies for developing and maintaining continual improvement processes using systems planning, instructional data. Includes evaluation of improvement plans and communication of planning and improvement with all stakeholders. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1277 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL730 - Research on Teaching **STUDENT REC TITLE:** Research on Teaching **EFFECTIVE:** Winter 2010 **COURSE DESC:** Research on teaching effectiveness; culminates in the writing of a research proposal to be completed during the second year of the Teacher Leader Program. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 730
	VERSION: REV **COURSE:** EDL7300 - Research Design Methods **STUDENT REC TITLE:** Research Design Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research method design for personal or professional goals; culminates in the analysis of existing research data. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 12 REP TIMES: 0 QTR EQUIV: EDL 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7286 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL730 - Research on Teaching **STUDENT REC TITLE:** Research on Teaching **EFFECTIVE:** Spring 2011 **COURSE DESC:** Research on teaching effectiveness; culminates in the writing of a research proposal to be completed during the second year of the Teacher Leader Program. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL8300 - Research on Teaching **STUDENT REC TITLE:** Research on Teaching **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research method design and analysis for the classroom; culminates in the analysis of collected research data. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1278 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL732 - Directed Inquiry on Teaching **STUDENT REC TITLE:** Directed Inquiry: Tching **EFFECTIVE:** Winter 2010 **COURSE DESC:** Individual research to satisfy requirements of a research project for Teacher Leader majors. Group and/or individual conferences with the research advisor. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: EDL 7300 QTR EQUIV: EDL 732
	VERSION: REV **COURSE:** EDL7320 - Research Implementation and Analysis **STUDENT REC TITLE:** Implmnt & Analyze Rsrch **EFFECTIVE:** Fall 2012 **COURSE DESC:** Implement and analyze a research project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 0 QTR PREREQ: EDL 7300 QTR EQUIV: EDL 732

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7285 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL732 - Directed Inquiry on Teaching **STUDENT REC TITLE:** Directed Inquiry: Tching **EFFECTIVE:** Spring 2011 **COURSE DESC:** Individual research to satisfy requirements of a research project for Teacher Leader majors. Group and/or individual conferences with the research advisor. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL8320 - Action Research Practicum **STUDENT REC TITLE:** Action Resrch Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Implement and analyze an action research project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1238 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL733 - Seminar: Professional Development for Teachers **STUDENT REC TITLE:** Seminar: Prof Dev Tchr **EFFECTIVE:** Winter 2010 **COURSE DESC:** Issues in research related to classroom teachers. Critical and current issues relevant to the development of classroom teachers as leaders within the context of their roles. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 733
	VERSION: REV **COURSE:** EDL7330 - Teacher Leadership **STUDENT REC TITLE:** Teacher Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** Review of published literature about classroom teachers as leaders. Critical and current issues relevant to the development of classroom teachers as leaders within the context of their roles. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate ADD INFO: Course title changed from EDL 733 Seminar: Professional Development for Teachers to EDL 7330 Teacher Leadership QTR EQUIV: EDL 733

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7290 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL733 - Seminar: Professional Development for Teachers **STUDENT REC TITLE:** Seminar: Prof Dev Tchr **EFFECTIVE:** Spring 2011 **COURSE DESC:** Issues in research related to classroom teachers. Critical and current issues relevant to the development of classroom teachers as leaders within the context of their roles. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL8330 - Teacher Leader Seminar **STUDENT REC TITLE:** Teacher Leader Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Critical and current issues relevant to the development of classroom teachers as school leaders. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7283 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL740 - Legal and Professional Issues **STUDENT REC TITLE:** Legal & Prof Issues **EFFECTIVE:** Spring 2011 **COURSE DESC:** The legal framework of compulsion in education, the civil liberties of teachers, curriculum content, and academic freedom. Teachers rights, duties, and responsibilities to the education profession. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 740
	VERSION: REV **COURSE:** EDL7400 - Legal and Professional Issues **STUDENT REC TITLE:** Legal & Prof Issues **EFFECTIVE:** Fall 2012 **COURSE DESC:** The legal framework of compulsion in education, the civil liberties of teachers curriculum content, and academic freedom. Teachers rights, duties, and responsibilities to the education profession. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7367 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/8/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL741 - Instructional Design **STUDENT REC TITLE:** Instructional Design **EFFECTIVE:** Spring 2011 **COURSE DESC:** Management and leadership skills as related to organizational patterns, staffing, utilization of space, time, and facilities at the building level. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** EDL7410 - Instructional Design **STUDENT REC TITLE:** Instructional Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Designing, organizing, managing, and evaluating learning experiences in physical and virtual environments. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1239 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL751 - Statistics and Research **STUDENT REC TITLE:** Statistics and Research **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to descriptive and inferential statistics and their application to assessment procedures. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 751
	VERSION: REV **COURSE:** EDL7510 - Statistics and Research **STUDENT REC TITLE:** Statistics and Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to basic statistical methods and data analysis for research and evaluation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 751

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7192 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 1/31/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL751 - Statistics and Research **STUDENT REC TITLE:** Statistics and Research **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduction to descriptive and inferential statistics and their application to assessment procedures. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** LDR7510 - Statistics and Research **STUDENT REC TITLE:** Statistics and Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to basic statistical methods and data analysis for research and evaluation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4164 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 7/7/10 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL755 - Research Projects **STUDENT REC TITLE:** Research Projects **EFFECTIVE:** Fall 2010 **COURSE DESC:** Conference course; individual research to satisfy requirements of research study for the Master of Education degree. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL7550 - Research Projects **STUDENT REC TITLE:** Research Projects **EFFECTIVE:** Fall 2012 **COURSE DESC:** Individual research to satisfy requirements of a program's research study. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 12 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1240 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL757 - Student Assessment **STUDENT REC TITLE:** Student Assessment **EFFECTIVE:** Winter 2010 **COURSE DESC:** Intensive study of formative and summative methods used by teachers to assess student performance and modify or differentiate instruction to meet student needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: EDL 7510 Minimum Grade of C QTR EQUIV: EDL 757
	VERSION: REV **COURSE:** EDL7570 - Student Assessment **STUDENT REC TITLE:** Student Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of formative and summative methods used by teachers to assess student performance and modify or differentiate instruction to meet student needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: EDL 7510 Minimum Grade of C QTR EQUIV: EDL 757

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6989 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 1/25/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL759 - Qualitative Research Methods **STUDENT REC TITLE:** Qualitative Research Mth **EFFECTIVE:** Spring 2011 **COURSE DESC:** This course emphasises the theoretical bases for qualitative research; and includes traning in qualitative methods, specifically, observation, interviewing, collecting written documents, grounded surveys, analysis and interpretation, and the presentation of the research. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** LDR7590 - Qualitative Research Methods **STUDENT REC TITLE:** Qualitative Research MTH **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical bases for qualitative research in education; including training in qualitative methods, specifically, observation, interviewing, collecting written documents, grounded surveys, analysis, and interpretation and the presentation of the research **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2027 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/4/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL760 - Introduction to Student Affairs in Higher Education **STUDENT REC TITLE:** Stu Aff Higher Ed **EFFECTIVE:** Spring 2010 **COURSE DESC:** An overview of the history, philosophy, organization, and structure of student personnel services. Various student affairs functions and professional competencies are presented. Current and future trends and issues in student affairs are considered. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 760
	VERSION: REV **COURSE:** SAA7600 - Introduction to Student Affairs in Higher Education **STUDENT REC TITLE:** Intro Stu Aff Higher Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** An overview of the history, philosophy, organization, and structure of student services. Various student affairs functions and professional competencies are presented. Current and future trends and issues in student affairs are considered. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate; Must be in one of the following programs: SAHE ADD INFO: Course prefix changed from EDL to SAA QTR EQUIV: EDL 760

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2028 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/4/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL761 - Theories of Student Development and Assessment **STUDENT REC TITLE:** Theories of Student Dev **EFFECTIVE:** Spring 2010 **COURSE DESC:** Studies theories of student development and their use in research and practice in student affairs, focusing specifically on college students. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 761
	VERSION: REV **COURSE:** SAA7610 - Student Development Theory **STUDENT REC TITLE:** Student Dev Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies theories of student development and their use in research and practice in student affairs, focusing specifically on college students. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate; Must be in one of the following programs: SAHE ADD INFO: Course name and prefix change from EDL 761 Theories of Student Development and Assessment to SAA 7610 Student Development Theory QTR EQUIV: EDL 761

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2127 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/19/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL762 - Student Affairs Administration in Higher Education **STUDENT REC TITLE:** Stu Aff Admin Higher Ed **EFFECTIVE:** Spring 2010 **COURSE DESC:** Surveys student personnel services in colleges and universities. Consideration is given to the organization, administration, and rationale of these services. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 761 and Graduate level EDL 763 and Graduate level EDL 768 and Graduate level EDL 920 and Graduate level EDL 922 QTR EQUIV: EDL 762
	VERSION: REV **COURSE:** SAA7620 - Student Affairs Administration in Higher Education **STUDENT REC TITLE:** Stu Aff Higher Ed Admin **EFFECTIVE:** Fall 2012 **COURSE DESC:** Surveys student services in colleges and universities. Consideration is given to the organization, administration, and rationale of these services, within the context of the entire institution. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate; Must be enrolled in Student Affairs and Higher Education Major ADD INFO: Course prefix changed from EDL 762 to SAA 7620 SEM PREREQ: SAA 7600, SAA 7610, SAA 7640, SAA 7680, HEA 9220 QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 761 and Graduate level EDL 763 and Graduate level EDL 768 and Graduate level EDL 920 and Graduate level EDL 922 QTR EQUIV: EDL 762

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2029 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/4/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL764 - Program Evaluation and Assessment in Student Affairs in Higher Education **STUDENT REC TITLE:** Prog Eval/Assmnt High Edu **EFFECTIVE:** Spring 2010 **COURSE DESC:** Studies theories, models, and techniques for evaluation of SAHE programs, and student organizations. Focus on a systematic approach to designing, integrating and appraising the success of SAHE programs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 761 and Graduate level EDL 763 and Graduate level EDL 768 and Graduate level EDL 920 QTR EQUIV: EDL 764
	VERSION: REV **COURSE:** SAA7640 - Program Evaluation and Assessment in SAHE **STUDENT REC TITLE:** Prog Eval/Assmnt High Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies theories, models, and techniques for evaluation of SAHE programs, and student organizations. Focus on a systematic approach to designing, integrating and appraising the success of SAHE programs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course prefix changed from EDL 764 to SAA 7640 SEM PREREQ: SAA 7600, 7610 QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 761 and Graduate level EDL 763 and Graduate level EDL 768 and Graduate level EDL 920 QTR EQUIV: EDL 764

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2031 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/4/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL765 - Prac Stu Af Higher Ed **STUDENT REC TITLE:** Prac Stu Af Higher Ed **EFFECTIVE:** Spring 2010 **COURSE DESC:** Provides an opportunity to work under supervision in an area of student affairs. This field work experience is accompanied by weekly on-campus seminars. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 761 and Graduate level EDL 763 QTR EQUIV: EDL 765
	VERSION: REV **COURSE:** SAA7650 - Internship I in Student Affairs in Higher Education **STUDENT REC TITLE:** Internship I in SAHE **EFFECTIVE:** Fall 2012 **COURSE DESC:** This field-based experience provides students with practice and supervision in areas of interest in SAHE. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 9 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Name and prefix changed from EDL 765 Practicum in Student Affairs and Higher Education to SAA 7650 Internship I in Student Affairs in Higher Education SEM PREREQ: SAA 7600, 7610 QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 761 and Graduate level EDL 763 QTR EQUIV: EDL 765

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4165 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 7/7/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL766 - Advanced Seminar in Student Affairs in Higher Education **STUDENT REC TITLE:** Adv Sem in Stu Affairs **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides an opportunity for advanced students to explore current issues and future trends in higher education with focus on the influence on student affairs practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** SAA7660 - Advanced Seminar in Student Affairs in Higher Education **STUDENT REC TITLE:** Adv Sem in Stu Affairs **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides an opportunity for advanced students to explore current issues and future trends in higher education with focus on the influence on student affairs practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2047 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/8/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL767 - Internship in Student Affairs in Higher Education **STUDENT REC TITLE:** Intern Stu Af Higher Ed **EFFECTIVE:** Spring 2010 **COURSE DESC:** This field-based experience provides students with advanced practice and supervision in their major specialty area. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 765 and Graduate level EDL 763 and Graduate level EDL 761 QTR EQUIV: EDL 767
	VERSION: REV **COURSE:** SAA7670 - Internship II in Student Affairs in Higher Education **STUDENT REC TITLE:** Internship II in SAHE **EFFECTIVE:** Fall 2012 **COURSE DESC:** This field-based experience provides students with advanced practice and supervision in areas of interest in SAHE. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate; Must be in one of the following programs: SAHE ADD INFO: Course name and prefix changed from EDL 767 Internship in Student Affairs in Higher Education to SAA 7670 Internship II in Student Affairs in Higher Education SEM PREREQ: SAA 7600, 7610 QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 765 and Graduate level EDL 763 and Graduate level EDL 761 QTR EQUIV: EDL 767

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2030 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/4/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL768 - Finance & Budget Mgt in Higher Edu/Student Affairs **STUDENT REC TITLE:** Finance & Budget in SAHE **EFFECTIVE:** Spring 2010 **COURSE DESC:** Current and emerging trends for funding higher education and budget models utilized provide the focus of this course. University budget and financial statements will be analyzed, budget proposals developed, and budget reduction techniques explained. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 761 and Graduate level EDL 763 QTR EQUIV: EDL 768
	VERSION: REV **COURSE:** SAA7680 - Finance & Budget Mgt in Higher Edu/Student Affairs **STUDENT REC TITLE:** Finance & Budget in SAHE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Current and emerging trends for funding higher education and budget models utilized provide the focus of this course. University budget and financial statements will be analyzed, budget proposals developed, and budget reduction techniques explained. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate; Must be in one of the following programs: SAHE ADD INFO: Course prefix changed from EDL 768 to SAA 7680 SEM PREREQ: SAA 7600 and 7610 QTR PREREQ: Graduate level EDL 760 and Graduate level EDL 761 and Graduate level EDL 763 QTR EQUIV: EDL 768

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1243 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL771 - Educational Leadership Behavior **STUDENT REC TITLE:** Ed Leadership Behavior **EFFECTIVE:** Winter 2010 **COURSE DESC:** Focuses on the development of a strong base of understanding in organizational structure for skill building in leadership, communication, decision-making, and problem-solving. Educational renewal, political considerations, ethical behavior, professional development, and change processes are also included. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 771
	VERSION: REV **COURSE:** EDL7710 - Leadership for School Improvement **STUDENT REC TITLE:** Ldrshp Schl Improvement **EFFECTIVE:** Fall 2012 **COURSE DESC:** Developing a strong base of understanding in organizational structure for skill building in leadership, communication, decision-making, and problem-solving. Educational renewal, political considerations, ethical behavior, professional development, and change processes are also included. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Name change from EDL 771 Educational Leadership Behavior to EDL 7710 Leadership for School Improvement QTR EQUIV: EDL 771

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1275 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** REV **COURSE:** EDL7720 - Educational Administrative Behavior **STUDENT REC TITLE:** Ed Administrative Behav **EFFECTIVE:** Fall 2012 **COURSE DESC:** Develops an understanding of the principles of educational administrative processes, formal school structures and organization, and an introduction to school administrative task areas. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate ADD INFO: New course replaces content from EDL 733 Seminar: Professional Development for Teachers.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1255 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL773 - Curriculum Development for School Leaders **STUDENT REC TITLE:** Curr Develop Sch Ldrs **EFFECTIVE:** Winter 2010 **COURSE DESC:** Designed to improve the school leader/administrator's ability to manage and lead the development and organization of curriculum and materials. This course presents the concepts and skills of curriculum development and shows how to apply these to actual course planning. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 773
	VERSION: REV **COURSE:** EDL7730 - Curriculum Analysis **STUDENT REC TITLE:** Curriculum Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Improve the school leader's ability to manage and lead the development and organization of curriculum, course planning, and materials. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 773

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1259 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL774 - Analysis of Teaching **STUDENT REC TITLE:** Analysis of Teaching **EFFECTIVE:** Winter 2010 **COURSE DESC:** Provides school leaders the opportunity for analysis of teaching through the exploration of instructional methodologies, critical theory related to teaching, and strategies for continual improvement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 774
	VERSION: REV **COURSE:** EDL7740 - Analysis of Teaching **STUDENT REC TITLE:** Analysis of Teaching **EFFECTIVE:** Fall 2012 **COURSE DESC:** Opportunities for analysis of teaching through the exploration of instructional methodologies, critical theory related to teaching, and strategies for continual improvement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Returned to a full-term course. Adds field-based observations. QTR EQUIV: EDL 774

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1260 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL775 - Instructional Mgt & Eval **STUDENT REC TITLE:** Instructional Mgt & Eval **EFFECTIVE:** Winter 2010 **COURSE DESC:** Provides school leaders strategies for developing, maintaining continual improvement processes using systems planning, instructional data, evaluation of improvement plans and communication of planning and improvement with all stakeholders. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: EDL 775
	VERSION: REV **COURSE:** EDL7750 - Instructional Leadership and Change **STUDENT REC TITLE:** Instr Ldrshp & Change **EFFECTIVE:** Fall 2012 **COURSE DESC:** Strategies for developing, maintaining continual improvement processes using systems planning, instructional data, evaluation of improvement plans and communication of planning and improvement with all stakeholders. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Name changed from EDL 775: Instructional Management and Evaluation QTR EQUIV: EDL 775

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1281 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** REV **COURSE:** EDL7760 - Supervision of Instruction & Personnel **STUDENT REC TITLE:** Sup of Instr & Personnel **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focus is on the supervision of curriculum and instruction. A systems approach to formative and summative assessment of instruction. The evaluation of curriculum and program effectiveness will be emphasized. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in on of the following levels: Graduate ADD INFO: Replaced EDL 792. Augmented content includes EDL 792 ELCC standards-based project QTR EQUIV: EDL 792

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7335 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL777 - Prepac: Role & Function **STUDENT REC TITLE:** Prepac: Role & Function **EFFECTIVE:** Spring 2011 **COURSE DESC:** Focus will be on the roles performed by practicing educational leaders. Students will observe, interact and draw conclusions from field experience. Class sessions will integrate the field experience with knowledges and skills studied in prerequisite courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 777
	VERSION: REV **COURSE:** EDL7770 - Educational Leadership Practicum **STUDENT REC TITLE:** Educ Ldrshp Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focusing on the roles performed by practicing educational leaders. Students will observe, interact and draw conclusions from field experience by integrating the field experience with knowledge, skills, and dispositions gained in previous coursework. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 12 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 777

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1264 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL780 - Ethics and Politics in Education **STUDENT REC TITLE:** Ethics & Politic in Edu **EFFECTIVE:** Winter 2010 **COURSE DESC:** Developing an understanding of potential structures and effective principles of school/community relations. Concepts of power, pressure groups, lobbying, potential networks, and public ethics are examined. Characteristics of effective communication, advisory bodies, and public relations programs are covered. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 780
	VERSION: REV **COURSE:** EDL7800 - Ethics and Politics in Education **STUDENT REC TITLE:** Ethics & Politics in Edu **EFFECTIVE:** Fall 2012 **COURSE DESC:** Developing an understanding of potential structures and effective principles of school/community relations. Concepts of power, pressure groups, lobbying, potential networks, and public ethics are examined. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7284 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL781 - School Finance and Economics **STUDENT REC TITLE:** Schl Finance & Econ **EFFECTIVE:** Spring 2011 **COURSE DESC:** The financing of public education and the economics of education. Guiding principles for developing financial programs and management procedures are covered. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL7810 - School Finance and Economics **STUDENT REC TITLE:** Schl Finance & Economics **EFFECTIVE:** Fall 2012 **COURSE DESC:** The financing of public education and the economics of education. Guiding principles for developing financial programs and management procedures. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1262 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL782 - School Law **STUDENT REC TITLE:** School Law **EFFECTIVE:** Winter 2010 **COURSE DESC:** Provides an examination of the legal framework that all school personnel must function in. Emphasis on both legal precedents and statutory provisions. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 782
	VERSION: REV **COURSE:** EDL7820 - School Law **STUDENT REC TITLE:** School Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the legal framework that all school personnel must function in. Emphasis on both legal precedents and statutory provisions. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 782

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3850 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL790 - Practicum in Instructional Leadership **STUDENT REC TITLE:** Practicum in Inst Ldshp **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides educational leadership degree candidates an opportunity to apply concepts and skills to educational practice and to evaluate their own leadership effectiveness. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 790
	VERSION: REV **COURSE:** EDL7900 - Instructional Leadership Practicum **STUDENT REC TITLE:** Instruc Ldrshp Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focusing on the roles performed by practicing instructional leaders. Candidates observe, interact and draw conclusions from field experience by integrating the field experience with knowledge, skills, and dispositions gained in previous coursework. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 790

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1285 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/22/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** EDL7910 - Curriculum Design & Evaluation **STUDENT REC TITLE:** Curr Design & Evaluation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides curriculum and supervision students with knowledge and skills necessary to perform curriculum and instruction design and evaluation functions. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate ADD INFO: Course added to the Teacher Leader Endorsement program to meet the 18 hour semester credit minimum for endorsements. A current inventory course EDL 791 will be augmented to suffice making the 4 hour quarter course into a 3 hour semester course.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2159 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/22/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL792 - Professional Development and Change: From Theory to Practice **STUDENT REC TITLE:** Profess Develop & Change **EFFECTIVE:** Spring 2010 **COURSE DESC:** Focuses on understanding needs and the motivation to change in self and others within the context of the school organization. Contemporary models of professional development and change theory are emphasized. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 792
	VERSION: REV **COURSE:** EDL7920 - Teacher Leader Masters Seminar: Exit **STUDENT REC TITLE:** Tchr Ldr Masters Exit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focusing on understanding current teacher leadership within the context of the school organization. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Name change from EDL 792 Professional Development & Change: From Theory to Practice to EDL 7920 Teacher Leader Masters Seminar: Exit QTR EQUIV: EDL 792

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7287 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL796 - Organization and Administration of Public Schools **STUDENT REC TITLE:** Organiz & Adm Pub Sch **EFFECTIVE:** Spring 2011 **COURSE DESC:** Principles of democratic school administration; management of teaching and nonteaching personnel; role of administration in facilitating teaching and learning; and school/community relations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL7960 - Organization and Administration of Public Schools **STUDENT REC TITLE:** Org and Admin Public Sch **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of democratic school administration; management of teaching and nonteaching personnel; role of administration in facilitating teaching and learning; and school/community relations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7333 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL796 - Organization and Administration of Public Schools **STUDENT REC TITLE:** Organiz & Adm Pub Sch **EFFECTIVE:** Spring 2011 **COURSE DESC:** Principles of democratic school administration; management of teaching and nonteaching personnel; role of administration in facilitating teaching and learning; and school/community relations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL8340 - Coaching and Mentoring **STUDENT REC TITLE:** Coaching and Mentoring **EFFECTIVE:** Fall 2012 **COURSE DESC:** Developing knowledge, skills, and dispositions necessary for school leaders to provide effective coaching and mentoring focused on improving teaching and learning for all students. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7420 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/14/11 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL851 - Advanced Seminar in Educational Research, Design and Analysis **STUDENT REC TITLE:** Adv Rch Design Anly **EFFECTIVE:** Spring 2011 **COURSE DESC:** Individual and group study of ongoing applied educational research. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 852
	VERSION: REV **COURSE:** EDL8510 - Advanced Seminar in Educational Research, Design and Analysis **STUDENT REC TITLE:** Adv Rsrch Design Analysi **EFFECTIVE:** Fall 2012 **COURSE DESC:** Individual and group study of ongoing applied educational research. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: EDL 8520 QTR PREREQ: Graduate level EDL 852

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7288 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL852 - Statistical Analysis and Research Design **STUDENT REC TITLE:** Stat Analysis & Res Desig **EFFECTIVE:** Spring 2011 **COURSE DESC:** Study of computation and interpretation of inferential statistics as they relate to the design of educaitonal research. Critical study of research techniques and reporting methods. Computer applications will be stressed. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: EDL 7510
	VERSION: REV **COURSE:** EDL8520 - Statistical Analysis and Research Design **STUDENT REC TITLE:** Stat & Res Desig **EFFECTIVE:** Fall 2012 **COURSE DESC:** Developing research techniques in basic and inferential statistics using statistical computing software and critical interpretation of educational research design and statistical analysis results. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: EDL 7510

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7289 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL853 - Advanced Educational Statistics **STUDENT REC TITLE:** Advanced Ed Statistics **EFFECTIVE:** Spring 2011 **COURSE DESC:** Multivariate analysis including analysis of variance-factorial designs, repeated measures, analysis of covariance, multiple analysis of variance, multiple regression, and nonparametric techniques for 1 to k samples. Computer applications will be stressed. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL8530 - Advanced Educational Statistics **STUDENT REC TITLE:** Advanced Ed Statistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Multivariate analysis including analysis of variance-factorial designs, repeated measures, analysis of covariance, multiple analysis of variance, multiple regression, and nonparametric techniques. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: EDL7510, EDL8510, EDL8520 or equivalent

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7291 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL858 - Advanced Educational Measurement: Theory and Practice **STUDENT REC TITLE:** Advanced Ed Measurement **EFFECTIVE:** Spring 2011 **COURSE DESC:** School district level interpretation of test construction, evaluation, accountability measures, standardization, validation, reliability, item analysis, norm setting, criterion referencing, selection, standardized tests, and the development of district level long-range improvement and accountability systems. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL8580 - Advanced Educational Measurement: Theory and Practice **STUDENT REC TITLE:** Advanced Ed Measurement **EFFECTIVE:** Fall 2012 **COURSE DESC:** School district level interpretation of assessments, evaluation, accountability measures, standardization, validation, reliability, item analysis, norm setting, criterion referencing, standardized tests, and the development of district level long-range improvement and accountability systems. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7332 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL991 - Advanced Seminar in Educational Leadership **STUDENT REC TITLE:** Adv Sem Edl **EFFECTIVE:** Spring 2011 **COURSE DESC:** Students investigate various contemporary educational leadership topics and issues: content knowledge, pedagogical content knowledge, diversity, technology, professionalism, emotional intelligence, and/or others. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL8610 - Principal Program Seminar: Entry **STUDENT REC TITLE:** Principal Prog: Entry **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates investigate various contemporary educational leadership topics and issues: content knowledge, pedagogical content knowledge, diversity, technology, professionalism, emotional intelligence, and/or others. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7331 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL995 - Advanced Institute for Educational Leaders **STUDENT REC TITLE:** Adv Inst Ed Ldrs **EFFECTIVE:** Spring 2011 **COURSE DESC:** Students explore various educational leadership topics/issues and their relationships to theory and praxis. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL8620 - Principal Program Seminar: Midpoint **STUDENT REC TITLE:** Principal Prog: Midpoint **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates explore various educational leadership topics/issues and their relationship to praxis. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7330 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL890 - Internship II: Principal **STUDENT REC TITLE:** Internship II: Principal **EFFECTIVE:** Spring 2011 **COURSE DESC:** Provides experience in school administration. Students perform administrative tasks under supervision of a licensed school administrator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL8630 - Principal Program Seminar: Exit **STUDENT REC TITLE:** Principal Program Exit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focusing on understanding current building-level leadership concepts, topics, and issues within the context of the school organization. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3851 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL870 - Internship I: Principal **STUDENT REC TITLE:** Internship I: Principal **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides experience in school administration. Students perform administrative tasks under supervision of a licensed school administrator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: EDL 870
	VERSION: REV **COURSE:** EDL8700 - Practicum I: Principal **STUDENT REC TITLE:** Practicum I: Principal **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides experience in school administration. Candidates perform administrative tasks under the supervision of a licensed school administrator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 12 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: EDL 870

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3852 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL871 - Management of the School **STUDENT REC TITLE:** Management of the School **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focuses on the day-to-day operation of a school building and a school system. State requirements are emphasized in relation to operational procedures in all aspects of managing a school and a school system. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 871
	VERSION: REV **COURSE:** EDL8710 - Management of the School **STUDENT REC TITLE:** Management of the School **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the day-to-day operation of a school building and a school system. State requirements are emphasized in relation to operational procedures in all aspects of managing a school and a school system. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 871

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3853 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL872 - Staff Persoonel Administration **STUDENT REC TITLE:** Staff Personnel Admin **EFFECTIVE:** Fall 2010 **COURSE DESC:** The development of understanding and procedures of administering staff personnel aspects of school operation. Areas of recruitment, selection, induction, appraisal, development, compensation, and motivation are covered. Emphasis is on the entry year performance based assessment and subsequent licensure renewal. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 872
	VERSION: REV **COURSE:** EDL8720 - Staff Personnel Leadership **STUDENT REC TITLE:** Staff Personnel Ldrshp **EFFECTIVE:** Fall 2012 **COURSE DESC:** Developing procedures of administering staff personnel aspects of school operation. Areas of recruitment, selection, induction, appraisal, development, compensation, and motivation are covered. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 872

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3854 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL873 - Pupil Personnel Services Administration **STUDENT REC TITLE:** Pupil Pers Services Admin **EFFECTIVE:** Fall 2010 **COURSE DESC:** The development of understanding and the procedures of administering the pupil personnel service aspects of school operation. Ethical considerations and special education requirements are included in addressing student attendance and accounting, guidance and counseling functions, disciplinary issues, and extracurricular/co-curricular activities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 873
	VERSION: REV **COURSE:** EDL8730 - Pupil Personnel Leadership **STUDENT REC TITLE:** Pupil Personnel Ldrshp **EFFECTIVE:** Fall 2012 **COURSE DESC:** Leading the pupil personnel service aspects of school operation, including ethical considerations, special education requirements, student attendance and accounting, guidance, counseling, health and wellness, discipline, and extracurricular/co-curricular activities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 873

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3855 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL874 - School Finance & Business Mgt **STUDENT REC TITLE:** Sch Finance & Bus Mgt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Guiding principles for developing adequate financial programs; detailed studies of sources of local, state, and federal revenue; and procedures for management of school funds with reference to budgeting, accounting, and auditing. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 874
	VERSION: REV **COURSE:** EDL8740 - School Finance & Business Mgt **STUDENT REC TITLE:** Sch Finance & Bus Mgt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Guiding principles for developing adequate financial programs; detailed studies of sources of local, state, and federal revenue; and procedures for management of school funds with reference to budgeting, accounting, and auditing. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 874

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3857 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL890 - Internship II: Principal **STUDENT REC TITLE:** Internship II: Principal **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides experience in school administration. Students perform administrative tasks under supervision of a licensed school administrator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 890
	VERSION: REV **COURSE:** EDL8900 - Practicum II: Principal **STUDENT REC TITLE:** Practicum II: Principal **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides experience in school administration. Candidates perform administrative tasks under the supervision of a licensed school administrator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 890

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3832 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** EDL920 - History and Philosophy of Higher Education in the United States **STUDENT REC TITLE:** Hst & Phil High Ed U.S. **EFFECTIVE:** Winter 2010 **COURSE DESC:** Reviews history and development of higher and continuing education in the United States with special attention to forces that have shaped its development. Examines history of critical philosophical debates, and issues about the nature and role of higher education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 920
	VERSION: REV **COURSE:** HEA9200 - History and Philosophy of Higher Education in the United States **STUDENT REC TITLE:** Hst & Phil High Ed U.S. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reviews history and development of higher and continuing education in the United States with special attention to forces that have shaped its development. Examines history of critical philosophical debates, and issues about the nature and role of higher education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. ADD INFO: Course prefix changed from EDL 920 to HEA 9200 QTR EQUIV: EDL 920

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3834 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** EDL921 - Curriculum in Higher Education **STUDENT REC TITLE:** Curriculum in Higher Ed **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to patterns of curricular organization in the four-year college and university with attention to historical development and current models. Study of the issues governing curriculum planning, including the social, economic, political, historical, and philosophical contexts of which curriculum is formed and developed. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 921
	VERSION: REV **COURSE:** HEA9210 - Curriculum in Higher Education **STUDENT REC TITLE:** Curriculum in Higher Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to patterns of curricular organization in the four-year college and university with attention to historical development and current models. Study of the issues governing curriculum planning, including the social, economic, political, historical, and philosophical contexts of which curriculum is formed and developed. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course prefix changed from EDL 921 to HEA 9210 SEM PREREQ: Graduate level HEA 9200 Minimum Grade of B QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 921

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3835 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** EDL922 - Law of Higher Education **STUDENT REC TITLE:** Law of Higher Education **EFFECTIVE:** Winter 2010 **COURSE DESC:** Examination of statute and case law that governs the operation of institutions of higher education. Issues of employment, evaluation, contracts, copyright, and student and faculty rights will form the basis of the course. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 922
	VERSION: REV **COURSE:** HEA9220 - Law of Higher Education **STUDENT REC TITLE:** Law of Higher Education **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of statute and case law that governs the operation of institutions of higher education. Issues of employment, evaluation, contracts, copyright, and student and faculty rights will form the basis of the course. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course prefix changed from EDL 922 to HEA 9220 SEM PREREQ: Graduate level HEA 9200 Minimum Grade of B QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 922

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3837 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** EDL923 - Instruction in Higher Education **STUDENT REC TITLE:** Instruction in Higher Ed **EFFECTIVE:** Winter 2010 **COURSE DESC:** Designed to facilitate the application of theory to practice in teaching in colleges and universities. Students will explore diverse pedagogical approaches and develop an understanding of the professional role of the faculty member. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 923
	VERSION: REV **COURSE:** HEA9230 - Instruction in Higher Education **STUDENT REC TITLE:** Instruction in Higher Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Designed to facilitate the application of theory to practice in teaching in colleges and universities. Students will explore diverse pedagogical approaches and develop an understanding of the professional role of the faculty member. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course prefix has changed from EDL 923 to HEA 9230 SEM PREREQ: Graduate level HEA 9200 Minimum Grade of B QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 923

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
3840 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** EDL924 - Administration in Higher Education **STUDENT REC TITLE:** Admin in Higher Ed **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to administrative, organizational, and leadership theory and practice in the two-year and four-year college and university. Participants explore historical, current, and future plans for administration in higher education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 924
	VERSION: REV **COURSE:** HEA9240 - Infusing Systems Thinking into Higher Education Organizations **STUDENT REC TITLE:** Infus Sys Thinking HI ED **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to administrative, organizational, and leadership theory and practice in the two-year and four-year college and university. Participants explore historical, current, and future plans for administration in higher education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course prefix changed from EDL 924 to HEA 9240. Course title changed from EDL 924 Administration in Higher Education to HEA 9240 Infusing Systems Thinking in Higher Education Organizations. SEM PREREQ: Graduate level HEA 9200 Minimum Grade of B QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 924

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
3841 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** EDL926 - The Community College **STUDENT REC TITLE:** The Community College **EFFECTIVE:** Winter 2010 **COURSE DESC:** Explores the historical roots of the most exciting, important innovation in American higher education since the Second World War, the community college. How and why did they come into being, how do they really work, and how can we make them more effective? **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 926
	VERSION: REV **COURSE:** HEA9260 - The Community College **STUDENT REC TITLE:** The Community College **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores the historical roots of the most exciting, important innovation in American higher education since the Second World War, the community college. How and why did they come into being, how do they really work, and how can we make them more effective? **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course prefix changed from EDL 926 to HEA 9260 SEM PREREQ: Graduate level HEA 9200 Minimum Grade of B QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 926

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1565 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 1/11/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** EDL928 - Internship in Higher Education **STUDENT REC TITLE:** Internship in Higher Ed **EFFECTIVE:** Winter 2010 **COURSE DESC:** Provides opportunity for an in-depth field experience in higher education with administrative professionals. Designed to provide breadth to the students' prior experiences and be consistent with individual career goals. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 928
	VERSION: REV **COURSE:** HEA9280 - Internship in Higher Education **STUDENT REC TITLE:** Internship in Higher Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides opportunity for an in-depth field experience in higher education with administrative professionals. Designed to provide breadth to the students' prior experiences and be consistent with individual career goals. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course prefix changed from EDL 928 to HEA 9280 SEM PREREQ: Graduate level HEA 9200 Minimum Grade of B QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 928

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3842 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** EDL929 - The Role of Intercollegiate Athletics in Higher Education **STUDENT REC TITLE:** Intercolleg Athl High Ed **EFFECTIVE:** Winter 2010 **COURSE DESC:** Explores the role and impact of athletic programs at the intercollegiate level. Students study administrative and organizational structure, specialized functions, and professional career opportunities within the field of intercollegiate athletics. Planning, financing, programming, and management are studied, as well as the role of athletics within the educational experience. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 929
	VERSION: REV **COURSE:** HEA9290 - The Role of Athletics in Higher Education **STUDENT REC TITLE:** Athl High Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores the role and impact of athletic programs at the intercollegiate level. Students study administrative and organizational structure, specialized functions, and professional career opportunities within the field of intercollegiate athletics. Planning, financing, programming, and management are studied, as well as the role of athletics within the educational experience. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course prefix changed from EDL 929 to HEA 9290 SEM PREREQ: Graduate level HEA 9200 Minimum Grade of B QTR PREREQ: Graduate level EDL 920 Minimum Grade of B QTR EQUIV: EDL 929

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3858 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL930 - Internship I: CIPD **STUDENT REC TITLE:** Internship I: CIPD **EFFECTIVE:** Fall 2010 **COURSE DESC:** The internship provides significant opportunities for candidates to synthesize and apply the knowledge and skills identified in the district-level standards through substantial, sustained, standards-based work in real settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 930
	VERSION: REV **COURSE:** EDL9300 - Practicum I: CIPD **STUDENT REC TITLE:** Practicum I: CIPD **EFFECTIVE:** Fall 2012 **COURSE DESC:** The practicum provides significant opportunities for candidates to synthesize and apply the knowledge and skills identified in the district-level standards through substantial, sustained, standards-based work in real settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 12 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 930

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7292 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL933 - Instructional Leadership **STUDENT REC TITLE:** Instructional Leadership **EFFECTIVE:** Spring 2011 **COURSE DESC:** Provides the specialist an opportunity to explore the topic of instruction in depth and to apply knowledge and strategies to the process of instructional improvement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Master's Degree Required
	VERSION: REV **COURSE:** EDL9330 - Instructional Leadership **STUDENT REC TITLE:** Instructional Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides opportunities to explore the topic of instruction in depth and to apply knowledge and strategies to the process of instructional improvement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Master's Degree Required

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7369 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/8/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL941 - Planning Educational Futures **STUDENT REC TITLE:** Planning Ed Futures **EFFECTIVE:** Spring 2011 **COURSE DESC:** Focuses on adaptation to social, political, and educational change in the future of education. Analysis and planning procedures address the probable social, political, economic, ethical, and intellectual factors that may appear on the horizon. Strategic planning, systems theory, change theory and processes are explored in connection to forecasting potential economic, enrollment, and demographic futures. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL9410 - Planning Educational Futures **STUDENT REC TITLE:** Planning Educ Futures **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on adaptation to social, political, and educational change in the future of education. Strategic planning, systems theory, change theory and processes are explored in connection to forecasting potential economic, enrollment, and demographic futures. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7296 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL945 - Advanced Curriculum Theory **STUDENT REC TITLE:** Adv Curriculum Theory **EFFECTIVE:** Spring 2011 **COURSE DESC:** This course is designed to provide advanced degree students an opportunity to study curriculum theories from original sources and to relate those theories to philosophical presuppositions and social-cultural foundations. The course will also focus on the critical evaluation of curriculum theories and models. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 945
	VERSION: REV **COURSE:** EDL9450 - Advanced Curriculum Theory **STUDENT REC TITLE:** Adv Curriculum Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studying curriculum theories from original sources and relating those theories to philosophical presuppositions and social-cultural foundations. The course also focuses on the critical evaluation of curriculum theories and models. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 945

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3859 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL950 - InternshipII: CIPD **STUDENT REC TITLE:** InternshipII: CIPD **EFFECTIVE:** Fall 2010 **COURSE DESC:** The internship provides significant opportunities for candidates to synthesize and apply the knowledge and skills identified in the district-level standards through substantial, sustained, standards-based work in real settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 950
	VERSION: REV **COURSE:** EDL9500 - Practicum II: CIPD **STUDENT REC TITLE:** Practicum II: CIPD **EFFECTIVE:** Fall 2012 **COURSE DESC:** The practicum provides significant opportunities for candidates to synthesize and apply the knowledge and skills identified in the district-level standards through substantial, sustained, standards-based work in real settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 950

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7295 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL960 - Political and Social Contexts of Schools **STUDENT REC TITLE:** Pol and Soc Contexts **EFFECTIVE:** Spring 2011 **COURSE DESC:** The course is designed for current and aspiring district-level administrators exploring the political and social forces shaping educational policy, instructional leadership, and classroom practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL9600 - Political and Social Contexts of Schools **STUDENT REC TITLE:** Pol & Soc Contexts **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course is designed for current and aspiring district-level administrators exploring the political and social forces shaping educational policy, instructional leadership, and classroom practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
3861 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL961 - Instructional Leadership **STUDENT REC TITLE:** Instructional Leadership **EFFECTIVE:** Fall 2010 **COURSE DESC:** Emphasizes the roles of the curriculum, instructional, and staff development specialist. Focuses on devloping a strong base of understanding organizational structure and skill building in leadership, communication, decision-making, and problem solving. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 961
	VERSION: REV **COURSE:** EDL9610 - Curricular and Instructional Leadership **STUDENT REC TITLE:** Curr & Instruct Ldrshp **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasizes the roles of the curriculum, instructional, and professional development leader. Focuses on developing a strong base of understanding organizational structure and skill building in leadership, communication, decision-making, and problem solving. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 961

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3862 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL962 - Leadership for Individual and Collective Change **STUDENT REC TITLE:** Ldrshp Indiv Coll Change **EFFECTIVE:** Fall 2010 **COURSE DESC:** The course explores theory, research, and practive related to leading and managing organizational environments requiring creating and sustaining personal, professional, and organizational change and adaptations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 962
	VERSION: REV **COURSE:** EDL9620 - Leadership for Individual and Collective Change **STUDENT REC TITLE:** Ldrshp Indiv Coll Change **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploring theory, research, and practice related to leading and managing organizational environments requiring creating and sustaining personal, professional, and organizational change and adaptation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 962

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3863 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL963 - Advanced Curriculum Development **STUDENT REC TITLE:** Adv Curriculum Devep **EFFECTIVE:** Fall 2010 **COURSE DESC:** The advanced standards-based course explores the development of curriculum from a district-level perspective. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 963
	VERSION: REV **COURSE:** EDL9630 - Advanced Curriculum Analysis and Accountability **STUDENT REC TITLE:** Adv Curr Anlys & Account **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploring curriculum development from a district-level perspective. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 963

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3864 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL970 - Internship 1: Superintendent **STUDENT REC TITLE:** Internship 1: Supt **EFFECTIVE:** Fall 2010 **COURSE DESC:** The internship provides significant opportunities for candidates to synthesize and apply the knowledge and skills identified in the district-level ELCC standards 1-3 through substantial, sustained, standards-based work in real settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 970
	VERSION: REV **COURSE:** EDL9700 - Practicum I: Superintendent **STUDENT REC TITLE:** Practicum I: Supt **EFFECTIVE:** Fall 2012 **COURSE DESC:** The practicum provides significant opportunities for candidates to synthesize and apply the knowledge and skills identified in the district-level standards through substantial, sustained, standards-based work in real settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 12 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 970

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3865 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL971 - Superintendent/Staff/Board Relationships **STUDENT REC TITLE:** Supt/Staff/Bd Relatshps **EFFECTIVE:** Fall 2010 **COURSE DESC:** Emphasizes the strategic roles of the superintendent, staff, school board, unions, and community in light of local, state, and federal regulations and political pressure. Reviews the limits and role responsibilities of school district personnel and constituents from organizational and cultural perspectives. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 971
	VERSION: REV **COURSE:** EDL9710 - School District Leadership **STUDENT REC TITLE:** School Dist Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** Superintendent, staff, school board, unions, and community strategic roles, limits, and responsibilities in light of local, state, and federal regulations and political pressures. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 971

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7299 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL972 - Ideas in Education **STUDENT REC TITLE:** Ideas in Education **EFFECTIVE:** Spring 2011 **COURSE DESC:** Draws on original sources and examines the impact of both professional and non-professional educational thinkers on American education. The impact of social trends on education will also be examined. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 972
	VERSION: REV **COURSE:** EDL9720 - Ideas in Education **STUDENT REC TITLE:** Ideas in Education **EFFECTIVE:** Fall 2012 **COURSE DESC:** Draws on original sources and examines the impact of both professional and non-professional educational thinkers on American education. The impact of social trends on education will also be examined. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 972

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3866 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL973 - Advanced Curriculum Analysis **STUDENT REC TITLE:** Adv Curriculum Analysis **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focus will be research on schools as organizations, research on educational leadership and research relate to educational content and practice. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 973
	VERSION: REV **COURSE:** EDL9730 - Advanced Curriculum Analysis **STUDENT REC TITLE:** Adv Curriculum Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores district-level curriculum analysis and evaluation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 973

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7298 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL974 - Seminar in Ed Leadership **STUDENT REC TITLE:** Seminar in Ed Leadership **EFFECTIVE:** Spring 2011 **COURSE DESC:** Emphasis will be on issues in educational leadership and curriculum leadership. Program development and administrative practice will serve as a basis for emerging study issues. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 974
	VERSION: REV **COURSE:** EDL9740 - Seminar in Educational Leadership **STUDENT REC TITLE:** Seminar in Ed Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasis will be on issues in educational leadership and curriculum leadership. Program development and administrative practice will serve as a basis for emerging study issues. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 974

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7365 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/8/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL975 - Directed Study **STUDENT REC TITLE:** Directed Study **EFFECTIVE:** Spring 2011 **COURSE DESC:** Designed for students enrolled in the Educational Specialist degree program and/or those students admitted to a cooperative doctoral program. Course requirements are determined by students and their assigned program advisors. Minimum requirements involve an individualized set of objectives, learning strategies, and evaluation design. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL9750 - Directed Study **STUDENT REC TITLE:** Directed Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Designed for students enrolled in a program requiring a research study. Students and their assigned program advisors collaboratively determine the course requirements. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 9 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7297 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL980 - Community Relations **STUDENT REC TITLE:** Community Relations **EFFECTIVE:** Spring 2011 **COURSE DESC:** The course examines relationships between schools and communities from demographic, political, and marketing perspectives. The course focuses on school and community roles in delivering educational programs and services responsive to local needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 980
	VERSION: REV **COURSE:** EDL9800 - Community Relations and Processes **STUDENT REC TITLE:** Comm Relation & Process **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course examines relationships between schools and communities from demographic, political and marketing perspectives. The course focuses on school and community roles in delivering educational programs and services responsive to local needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 980

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7303 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL985 - Organizational Dynamics: The Individual and the Organization **STUDENT REC TITLE:** Organiz Dyn:Indiv/Organiz **EFFECTIVE:** Spring 2011 **COURSE DESC:** Focuses on the individual and the organization. The respective needs and expectations of each are investigated as they apply to educational institutions. Emphasis is on interpersonal and organizational communication, group processes, conflict resolution, and collaboration for school improvement. These concepts are explored to help participants conceptualize the interpersonal nature of organizations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 985
	VERSION: REV **COURSE:** EDL9850 - Organizational Dynamics: The Individual and the Organization **STUDENT REC TITLE:** Org Dynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the individual and the organization. The respective needs and expectations of each are investigated. Emphasis is on interpersonal and organizational communication, group processes, conflict resolution, and collaboration for school improvement. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 985

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7368 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/8/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL986 - Organizational Behavior in Education and Human Services **STUDENT REC TITLE:** Org Behav in Ed& Hum Serv **EFFECTIVE:** Spring 2011 **COURSE DESC:** Emphasizes the analysis of organizations and educational institutions in particular through a social systems orientation. Historical, current, and possible future organizational structures and processes are analyzed. Role theory, leadership theory, and styles, ethical behavior, and decision-making theory and practice are addressed from an organizational persepctive. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDL9860 - Organizational Behavior in Education and Human Services **STUDENT REC TITLE:** Organizational Behavior **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analyzing organizations and educational institutions in particular through a social systems orientation. Role theory, leadership theory and styles, ethical behavior, and decision-making theory and practice are addressed from an organizational perspective. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7301 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL987 - Administrative Leadership in Communication **STUDENT REC TITLE:** Admin Leadership in Comm **EFFECTIVE:** Spring 2011 **COURSE DESC:** Focuses on the development of leadership skills in relationship to individual and organizational communicationsto internal and external audiences. Varied communication venues and simulations are employed in ethical administrator skill development. Additionally, the course addresses the leader's role as facilitator in group processes, conflict management, interpersonal and contract negotiations, multicultural mediation methodology, decision-making, and problem-solving. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 987
	VERSION: REV **COURSE:** EDL9870 - Administrative Leadership in Communication **STUDENT REC TITLE:** Admin Leadership in Comm **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the development of leadership skills in relationship to individual and organizational communications, group processes, conflict management, decision making, and problem solving. Participants study and practice the principles of change. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 987

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3867 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL988 - Research and the Educational Leader **STUDENT REC TITLE:** Research & Educ Leader **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focuses on the practical applications and issues in research as it relates to educational leadership. Participants focus on research design and methodology, sampling techniques, instrument development, proposal writing, and the application of these skills through a research project to be implemented within a public school setting. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 988
	VERSION: REV **COURSE:** EDL9880 - Research and the Educational Leader **STUDENT REC TITLE:** Research & Educ Leader **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical applications and issues in research; research design and methodology, sampling techniques, instrument development, proposal writing, and the application of skills through a research project. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 988

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3868 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL990 - Internship II: Superintendent **STUDENT REC TITLE:** Internship II: Supt **EFFECTIVE:** Fall 2010 **COURSE DESC:** The internship provides significant opportunities for candidates to synthesize and apply the knowledge and skills identified in the district-level ELCC standards 4-6 through substantial, sustained, standards-based work in real settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 990
	VERSION: REV **COURSE:** EDL9900 - Practicum II: Superintendent **STUDENT REC TITLE:** Practicum II: Supt **EFFECTIVE:** Fall 2012 **COURSE DESC:** The practicum provides significant opportunities for candidates to synthesize and apply the knowledge and skills identified in the district-level standards through substantial, sustained, standards-based work in real settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 990

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3870 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL991 - Advanced Seminar in Educational Leadership **STUDENT REC TITLE:** Adv Sem Edl **EFFECTIVE:** Fall 2010 **COURSE DESC:** Students investigate various contemporary educational leadership topics and issues: content knowledge, pedagogical content knowledge, diversity, technology, professionalism, emotional intelligence, and/or others. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 991
	VERSION: REV **COURSE:** EDL9910 - District Level Licensure Program Seminar: Entry **STUDENT REC TITLE:** Dist Lvl Lic Prog: Entry **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates investigate various contemporary educational leadership topics and issues: content knowledge, pedagogical content knowledge, diversity, technology, professionalism, emotional intelligence, and/or others. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 991

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3871 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL992 - School Culture and Professional Growth **STUDENT REC TITLE:** Schl Culture Prof Growth **EFFECTIVE:** Fall 2010 **COURSE DESC:** The course explores the relationships between organizational change, professional growth, and leadership. Students engage in theoretical and research-based readings, discussions and activities regarding change, innovation, leadership, organizational culture, and professional development. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 992
	VERSION: REV **COURSE:** EDL9920 - School Culture and Professional Growth **STUDENT REC TITLE:** Schl Culture Prof Growth **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploring the relationships between organizational change, professional growth, and leadership. Candidates engage in theoretical and research-based readings, discussions and activities regarding change, innovation, leadership, organizational culture, and professional development. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 992

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7302 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL993 - School District Business Management **STUDENT REC TITLE:** Sch Dist Business Mgt **EFFECTIVE:** Spring 2011 **COURSE DESC:** Guiding principles for developing adequate district fiscal programs; study of sources of revenue - local, state, and federal; procedures in management of district funds with reference to budgeting, accounting, auditing, public and governmental reporting; district cost-benefit analysis; district financial needs forecasting; and levy/income tax campaigns. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 993
	VERSION: REV **COURSE:** EDL9930 - School District Finance and Business Management **STUDENT REC TITLE:** Sch Dist Finance Bus Mgt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Guiding principles for developing adequate district fiscal programs; study of local, state, and federal revenue sources; and, procedures in management of district funds. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 993

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7300 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL994 - Adv Sem for Ed Leaders **STUDENT REC TITLE:** Adv Sem for Ed Leaders **EFFECTIVE:** Spring 2011 **COURSE DESC:** A synthesizing course which reviews the concepts, skills, and information of the total Educational Specialist's Program. Reporting of each candidate's research project will be a part of this course. An integration of the basic purposes of the program with the concentration, cognate, and common curriculum. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 994
	VERSION: REV **COURSE:** EDL9940 - Adv Sem for Ed Leaders **STUDENT REC TITLE:** Adv Sem for Ed Leaders **EFFECTIVE:** Fall 2012 **COURSE DESC:** A synthesizing course reviewing the concepts, skills, emerging trends, and best practices relating to the field of educational leadership. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 994

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3872 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 6/18/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL995 - Advanced Institute for Educational Leaders **STUDENT REC TITLE:** Adv Inst Ed Ldrs **EFFECTIVE:** Fall 2010 **COURSE DESC:** Students explore various educational leadership topics/issues and their relationships to theory and praxis. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 995
	VERSION: REV **COURSE:** EDL9950 - District Level Licensure Program Seminar: Midpoint **STUDENT REC TITLE:** Dist Lvl Lic Prog: Mdpt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates explore various educational leadership topics/issues and their relationship to praxis. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDL 995

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7360 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 2/8/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** EDL9970 - District Level Licensure Program Seminar: Exit **STUDENT REC TITLE:** Dist Lvl Lic Prog Exit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focusing on understanding current district-level leadership concepts, topics, and issues within the context of the school organization. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2157 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/22/10 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** EDL999 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Spring 2010 **COURSE DESC:** Research for thesis in Educational Specialist Program. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level EDL 852 and Graduate level EDL 751
	VERSION: REV **COURSE:** EDL9990 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research for thesis in Educational Specialist Program. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 9 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDL 852 and Graduate level EDL 751

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7131 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/28/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS610 - PreK-12 Science Content Standards for Intervention Specialists/Special Educators **STUDENT REC TITLE:** PREK-12 SCIENCE CONT STDS **EFFECTIVE:** Spring 2011 **COURSE DESC:** To make initial licensure candidates familiar with PreK-12 Science Ohio Academic Content Standards including benchmarks and grade level indicators. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination QTR EQUIV: EDS 610
	VERSION: REV **COURSE:** EDS6100 - Science Content Standards for Intervention Specialists **STUDENT REC TITLE:** Science Cont Stds IS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to Ohio Department of Education K through 12th grade science content standards. Addresses science knowledge, pedagogy, and PRAXIS exam expectations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Licensure program for which the course is required: Intervention Specialist Mild/Moderate Needs, Moderate/Intensive Needs, Early Childhood Intervention Specialist QTR EQUIV: EDS 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7133 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/28/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS611 - PreK-12 Social Studies Content Standards for Intervention Specialists/Special Educators **STUDENT REC TITLE:** PREK-12 SOC ST CONT STDS **EFFECTIVE:** Spring 2011 **COURSE DESC:** To make initial licensure candidates familiar with PreK-12 Social Studies Ohio Academic Content Standards including benchmarks and grade level indicators. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination QTR EQUIV: EDS 611
	VERSION: REV **COURSE:** EDS6110 - Social Studies Content Standards for Intervention Specialists **STUDENT REC TITLE:** SS Content Stands IS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to Ohio Department of Education K through 12th grade social studies content standards. Addresses social studies knowledge, pedagogy, and PRAXIS exam expectations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Licensure program for which the course is required: Intervention Specialist Mild/Moderate Needs, Moderate/Intensive Needs, Early Childhood Intervention Specialist QTR EQUIV: EDS 611

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7134 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/28/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS612 - PreK-12 Mathematics Content Standards for Intervention Specialists/ Special Educators **STUDENT REC TITLE:** PREK-12 MATH CONT STDS **EFFECTIVE:** Spring 2011 **COURSE DESC:** To make initial licensure candidates familiar with PreK-12 Math Ohio Academic Content Standards including benchmarks and grade level indicators. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination QTR EQUIV: EDS 612
	VERSION: REV **COURSE:** EDS6120 - Mathematics Content Standards for Intervention Specialists **STUDENT REC TITLE:** Math Content Stands IS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to Ohio Department of Education K through 12th grade mathematics content standards. Addresses mathematics knowledge, pedagogy, and PRAXIS exam expectations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 ADD INFO: Licensure Programs for which the course is required: Mild/Moderate Needs, Moderate/Intensive Needs, Pre-K Special Needs endorsement, and Early Childhood Intervention Specialist. QTR EQUIV: EDS 612

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6834 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/10/11 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS632 - Principles and Practices in Early Intervention and Early Childhood Special Education **STUDENT REC TITLE:** EI & ECSE Principles & Pract **EFFECTIVE:** Winter 2011 **COURSE DESC:** Overview of historical foundations, laws, theories, philosophies, and models for working with students birth through age 8 with mild/moderate/intensive disabilities. Course includes the roles and responsibilities of an early childhood intervention specialist. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 632
	VERSION: REV **COURSE:** EDS6200 - Principles and Practices in Early Childhood Special Education and Early Intervention **STUDENT REC TITLE:** Prin & prac in ECSE & EI **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of historical foundations, laws, theories, philosophies, and models in early childhood special education and early intervention. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: Early Childhood Intervention Specialist or Pre Kindergarten Special Needs Endorsement ADD INFO: Licensure programs for which the course is required: Early Childhood Intervention Specialist license and Pre Kindergarten Special Needs endorsement SEM PREREQ: EDS 6510 & EDS 6530 QTR EQUIV: EDS 632

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6865 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/12/11 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS635 - Curric, Meth, and Mat for Children Identified for Early Intervention and/or Early Child Spec Educ **STUDENT REC TITLE:** EI & ECSE Curriculu & Method **EFFECTIVE:** Winter 2011 **COURSE DESC:** Practices and procedures to develop/adapt curriculum for students birth through grade 3 with mild/moderate/intensive disabilities. Course includes information on implementing the IEP and IFSP. Field experience required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: EDS 632 QTR EQUIV: EDS 635
	VERSION: REV **COURSE:** EDS6220 - Establishing Partnerships with Families of Children Identified for Early Childhood Special Education and Early Intervention **STUDENT REC TITLE:** Est partnrshp w/ fam ECS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Family partnerships and advocacy in early childhood special education and early intervention. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: Early Childhood Intervention Specialist or Pre Kindergarten Special Needs Endorsement ADD INFO: Licensure programs for which the course is required: Early Childhood Intervention Specialist license and Pre Kindergarten Special Needs endorsement SEM PREREQ: EDS 6510, EDS 6530 & EDS 6200 QTR PREREQ: EDS 632 QTR EQUIV: EDS 635

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7070 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/27/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS624 - Addressing Learning Differences **STUDENT REC TITLE:** Addressing Lrng Diff **EFFECTIVE:** Spring 2011 **COURSE DESC:** An introduction to the history, laws, terminology, and best practice for the education of students with mild to moderate, moderate to intensive, or gifted educational needs. Also covered are inclusive education practices. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 624
	VERSION: REV **COURSE:** EDS6900 - Teaching Individuals with Exceptionalities **STUDENT REC TITLE:** Teach Indiv with Except. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical and current legal, philosophical and education issues surrounding the definition, identification, causes/prevalence of specific exceptionalities, service delivery/placement options and multidisciplinary team process across education and community settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDS 624

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6836 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/10/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS633 - Establish Partnerships with Families of Children Ident for Early Interv and/or Early Child Spec Ed **STUDENT REC TITLE:** EI & ECSE Family Partnership **EFFECTIVE:** Winter 2011 **COURSE DESC:** An examination of family theory, including multiple perspectives of the impact of disability on families, methods for collaborative assessment, planning, and intervention in the home, EI, and ESCE environments. Field experience required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 633
	VERSION: REV **COURSE:** EDS6240 - Curriculum, Methods, and Materials for Early Childhood Special Education and Early Intervention **STUDENT REC TITLE:** Curr meth & mat for ECSE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Interventions, modifications and adaptations to access curriculum for children in early childhood special education or early intervention. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: Early Childhood Intervention Specialist or Pre Kindergarten Special Needs. ADD INFO: Licensure programs for which the course is required: Early Childhood Intervention Specialist license or Pre Kindergarten Special Needs endorsement SEM PREREQ: EDS 6510, EDS 6530, EDS 6200 QTR EQUIV: EDS 633

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6509 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS626 - Introduction to Adaptive Technology **STUDENT REC TITLE:** Intro Adaptive Technolog **EFFECTIVE:** Winter 2011 **COURSE DESC:** Course introduces characteristics, problems, and adaptive technology needs of persons with moderate to intense disabilties. Hands-on experience using a variety of adaptive technology devices is required. 6 hours of related field work are required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 626
	VERSION: REV **COURSE:** EDS6630 - Introduction to Assistive Technology and Augmentative Communication **STUDENT REC TITLE:** Intro Asst Tech/Aug Comm **EFFECTIVE:** Fall 2012 **COURSE DESC:** Assessment, use, and application of adaptive technology for persons with exceptionalities in all educational settings. Etiology, problems and needs of non-speaking individuals. Hands-on experiences required with adaptive/augmentative aids/devices. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: Intervention Specialist SEM PREREQ: EDS 6510, EDS 6530 with concurrency QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 626

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6843 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/10/11 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS661 - Internship: Special Education **STUDENT REC TITLE:** Internship:Special Educ **EFFECTIVE:** Winter 2011 **COURSE DESC:** Graduate student teaching assignment for students seeking licensure to teach mild/moderate or moderate/intensive educational needs or early childhood intervention specialists. Required for students without previous student teaching experience. **COLLEGE:** College of Ed & Human Services **CRED HR:** 10 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 661
	VERSION: REV **COURSE:** EDS6280 - Student Teaching in Special Education: Early Childhood Intervention Specialist **STUDENT REC TITLE:** Stdt Tch: ECIS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Educators with prior teaching licenses, under the direct supervision of an experienced intervention specialist, are assigned to a school for intensive teaching experience in preK-3rd grade special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: Early Childhood Intervention Specialist ADD INFO: Licensure programs for which the course is required: Early Childhood Intervention Specialist licensure SEM PREREQ: EDS 6200, 6220, 6240, 6400, 6510, 6530, 6550, 6570, 6590, 6630, 6690 ; and 6990 (with concurrency) QTR EQUIV: EDS 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6518 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS652 - Education of Individuals with Physical, Sensory, and Motor Exceptionalities **STUDENT REC TITLE:** Phys,Sensory,Motor Except **EFFECTIVE:** Winter 2011 **COURSE DESC:** Overview of the etiology and educational implications of physical disabilities, sensory deficits, and communication disorders. Emphasis on psycho-educational and physical needs of children and youth, including adaptation of methods and materials. Direct work with clients required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 652
	VERSION: REV **COURSE:** EDS6400 - Education of Children with Medical, Physical, Sensory, and Autism Spectrum Exceptionalities **STUDENT REC TITLE:** Chld w/Med/Phys/Sens/AU **EFFECTIVE:** Fall 2012 **COURSE DESC:** Medical, physical, sensory, and autism spectrum needs of individuals with exceptionalities, birth-22. Collaboration of families and professionals, resources, accommodations, modifications, and methods. Direct work with an individual with moderate/intensive needs required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 652

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6514 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS642 - Curricula, Methods and Materials to Teach students with Mild to Moderate Educational Needs **STUDENT REC TITLE:** Curric Methods & Mat M/M **EFFECTIVE:** Winter 2011 **COURSE DESC:** Practices and procedures used in developing elementary and secondary curricula for students with mild/moderate educational needs. Included will be academic adaptations and development and implementation of the (IEP). Field/clinical experiences required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 642
	VERSION: REV **COURSE:** EDS6610 - Curricula, Methods and Materials to Teach students with Mild to Moderate Educational Needs **STUDENT REC TITLE:** Curric Meth & Mat M/M **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practices and procedures used in developing elementary and secondary curricula for students with mild to moderate educational needs. Universal design, academic adaptations, and development/implementation of the IEP. Thirty hours of field experience required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist SEM PREREQ: EDS 6510, EDS 6530 QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6519 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS653 - Curricula, Methods, Materials for Students with Moderate to Intensive Exceptionalities **STUDENT REC TITLE:** Curriculum Meth/Mat MI **EFFECTIVE:** Winter 2011 **COURSE DESC:** Review of organizations, methods and techniques for educating and training individuals with moderate to intense educational needs. Surveys opportunities available for recreation, leisure time, and work habitation. Participation with individuals with moderate to intense educational needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 653
	VERSION: REV **COURSE:** EDS6420 - Curricula, Methods, and Materials to Teach Students with Moderate to Intensive Educational Needs **STUDENT REC TITLE:** Curriculum Meth/Mat MI **EFFECTIVE:** Fall 2012 **COURSE DESC:** Methods/materials for assessing/teaching individuals with moderate/intensive needs in multiple environments. Focus on research-based practices resulting in high quality of life. Thirty hours of field experience with individuals with moderate/intensive needs required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist SEM PREREQ: EDS 6510 with concurrency and EDS 6530 with concurrency QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6507 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS644 - Instructional & Behavioral Management Skills for Intervention Specialists **STUDENT REC TITLE:** Instr Behac Management **EFFECTIVE:** Winter 2011 **COURSE DESC:** Prepares special educators, Intervention Specialists and other professionals to meet the instructional and behavioral management demands particular to working with exceptional individuals, including those with severe emotional disturbance. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 644
	VERSION: REV **COURSE:** EDS6570 - Instructional and Behavioral Management Skills for Intervention Specialists **STUDENT REC TITLE:** Inst & Beh Man Skls **EFFECTIVE:** Fall 2012 **COURSE DESC:** Prepares intervention specialists and other professionals to meet the instructional and behavioral management demands particular to working with individuals with exceptionalities, including those with severe emotional disturbance. Direct work with a student required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDS 644

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6510 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS645 - Transitions of Students with Exceptionalities **STUDENT REC TITLE:** Transitions Stu w/Except **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines role of intervention specialists in shaping transition experiences for students with special needs. Emphasis on school to adult, but transitions at early childhood, elementary and middle school, also addressed; direct work with clients required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 645
	VERSION: REV **COURSE:** EDS6650 - Transitions of Students with Exceptionalities **STUDENT REC TITLE:** Transitions Stu w/Except **EFFECTIVE:** Fall 2012 **COURSE DESC:** Role of intervention specialists in shaping transition for students with exceptionalities; Focus on high school/adult transition with consideration of transitions at earlier levels. Ten hours field experience with student age 14-22 required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: Intervention Specialist SEM PREREQ: EDS 6510 and 6530 with concurrency QTR PREREQ: Graduate level EDS 655 Minimum Grade of C (EDS 655 can be taken concurrently) QTR EQUIV: EDS 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6520 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS661 - Internship: Special Education **STUDENT REC TITLE:** Internship:Special Educ **EFFECTIVE:** Winter 2011 **COURSE DESC:** Graduate student teaching assignment for students seeking licensure to teach mild/moderate or moderate/intensive educational needs or early childhood intervention specialists. Required for students without previous student teaching experience. **COLLEGE:** College of Ed & Human Services **CRED HR:** 10 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 661
	VERSION: REV **COURSE:** EDS6480 - Student Teaching in Special Education: Intervention Specialist Moderate/Intensive Needs **STUDENT REC TITLE:** Stdt Tching: IS M/I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced Intervention Specialist, are assigned to a school for intensive teaching experience in K-12 special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist ADD INFO: Licensure program for which the course is required: Intervention Specialist Moderate / Intensive Needs SEM PREREQ: EDS 6510, EDS 6530, EDS 6550, EDS 6570, EDS 6590, EDS 6400, EDS 6420, EDS 6630, EDS 6650, EDS 6670 QTR EQUIV: EDS 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7586 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/7/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS670 - Workshop in Special Education **STUDENT REC TITLE:** Workshop Special Ed **EFFECTIVE:** Spring 2011 **COURSE DESC:** Intensive practical study in a selected area of special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 670
	VERSION: REV **COURSE:** EDS6500 - Specific Studies in Special Education **STUDENT REC TITLE:** Spec Studies in Spec Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent Study in a selected area of special education **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 999 QTR EQUIV: EDS 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6502 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS700 - Special Education Entrance Seminar **STUDENT REC TITLE:** Spec Ed Enter Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** Required of beginning master's degree and license students to become familiar with research tools, resources, and writing styles, to design a plan for organizing and maintaining scholarly activities required for completing the comprehension examination. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 700
	VERSION: REV **COURSE:** EDS6510 - Foundations of Special Education **STUDENT REC TITLE:** Found Spec Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to law, research, and history of special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist QTR EQUIV: EDS 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6503 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS655 - Exceptional Learners **STUDENT REC TITLE:** Exceptional Learners **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduces prospective intervention specialists to the causes and effects of mild to moderate learning disorders. Covers cultural, social, and emotional needs of students and teaching strategies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 655
	VERSION: REV **COURSE:** EDS6530 - Learners with Exceptionalities **STUDENT REC TITLE:** Learners w Exception **EFFECTIVE:** Fall 2012 **COURSE DESC:** Cultural, social, emotional, and learning needs of students with exceptionalities. Teaching strategies, typical development and atypical development. Causes and effects of mild to intensive exceptionalities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist. SEM PREREQ: EDS 6510 with concurrency COREQ: EDS 6510 QTR EQUIV: EDS 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6508 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS654 - Assessment:The Intervention Specialist Role **STUDENT REC TITLE:** Assessment Skill IS Role **EFFECTIVE:** Winter 2011 **COURSE DESC:** Students learn to administer and interpret formal and informal educational assessment instruments and to communicate assessment data to parents and colleagues. Course content also includes learning to write IFSPs and IEPs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDS 655 Minimum Grade of C or Graduate level EDS 632 Minimum Grade of C or Graduate level EDS 633 Minimum Grade of C or Graduate level EDS 634 Minimum Grade of C QTR EQUIV: EDS 654
	VERSION: REV **COURSE:** EDS6590 - Assessment Skills for Intervention Specialists **STUDENT REC TITLE:** Assessment Skills INT SP **EFFECTIVE:** Fall 2012 **COURSE DESC:** Administration and interpretation of formal and informal educational assessment instruments and communication of assessment data to parents, students, and colleagues. Thirty hours of field experience required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist SEM PREREQ: EDS 6530 with concurrency and EDS 6510 with concurrency QTR PREREQ: Graduate level EDS 655 Minimum Grade of C or Graduate level EDS 632 Minimum Grade of C or Graduate level EDS 633 Minimum Grade of C or Graduate level EDS 634 Minimum Grade of C QTR EQUIV: EDS 654

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7409 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/11/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS654 - Assessment:The Intervention Specialist Role **STUDENT REC TITLE:** Assessment Skill IS Role **EFFECTIVE:** Spring 2011 **COURSE DESC:** Students learn to administer and interpret formal and informal educational assessment instruments and to communicate assessment data to parents and colleagues. Course content also includes learning to write IFSPs and IEPs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 654
	VERSION: REV **COURSE:** ISG7260 - Assessments in Gifted Education **STUDENT REC TITLE:** Assess in Gftd Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** National and State perspectives on the role of assessment in program design, identification of students, development of written education plans and classroom instruction. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into the Gifted Education Endorsement Program ADD INFO: Required for license in Gifted Endorsement SEM PREREQ: ISG 7240 QTR EQUIV: EDS 654

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6504 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** REV **COURSE:** EDS6550 - Special Education Research & Analysis **STUDENT REC TITLE:** Sp Ed Res & Analy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Familiarizes intervention specialist graduate students with WSU and Internet research resources, APA writing style, professional standards and quantitative and qualitative research methods and analysis. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6512 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS656 - Clinical Practicum in Remediation **STUDENT REC TITLE:** Clin Practicum Remediatio **EFFECTIVE:** Winter 2011 **COURSE DESC:** Supervised clinical practice in the diagnostic teaching of basic academic and social skills, including learning and study strategies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ED 716 Minimum Grade of C and Graduate level EDS 655 Minimum Grade of C and Graduate level EDS 642 Minimum Grade of C and Graduate level EDS 654 Minimum Grade of C and Graduate level ED 709 Minimum Grade of C and Graduate level ED 769 QTR EQUIV: EDS 656
	VERSION: REV **COURSE:** EDS6690 - Clinical Practice in Remediation **STUDENT REC TITLE:** Clin Prac Remed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Use assessment data to plan and implement remediation in a school setting. Write professional case studies integrating assessment and tutoring data. Includes twenty hours in elementary school setting. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist SEM PREREQ: EDS 6590 ; EDS 6610, EDS 6420 or 6220 ; ED 6020, ED 6030, 6040, and 6050 QTR PREREQ: Graduate level ED 716 Minimum Grade of C and Graduate level EDS 655 Minimum Grade of C and Graduate level EDS 642 Minimum Grade of C and Graduate level EDS 654 Minimum Grade of C and Graduate level ED 709 Minimum Grade of C and Graduate level ED 769 QTR EQUIV: EDS 656

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6511 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS659 - Communication and Consultation Skills for Educators **STUDENT REC TITLE:** Comm & Consul Skills Edu **EFFECTIVE:** Winter 2011 **COURSE DESC:** Techniques of collaborative consultation needed to enhance communication with exceptional individuals, parents, and educational team members. Direct work in the field is required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 659
	VERSION: REV **COURSE:** EDS6670 - Collaboration for Inclusion **STUDENT REC TITLE:** Collab for Inclusion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Co-teaching techniques with an emphasis on differentiation, as well as collaborative consultation and communication strategies to enhance instruction for diverse learners. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDS 659

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7410 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/11/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS659 - Communication and Consultation Skills for Educators **STUDENT REC TITLE:** Comm & Consul Skills Edu **EFFECTIVE:** Spring 2011 **COURSE DESC:** Techniques of collaborative consultation needed to enhance communication with exceptional individuals, parents, and educational team members. Direct work in the field is required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 659
	VERSION: REV **COURSE:** ISG7280 - Communication and Consultation: The GIS Role as Student Advocate **STUDENT REC TITLE:** Com & Con GIS as St Adv **EFFECTIVE:** Fall 2012 **COURSE DESC:** Skills and information needed in the role of the Gifted Intervention Specialist as collaborator with general education teacher, administrators and parents and the advocate for students with gifts and talents. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into the Gifted Endorsement Program ADD INFO: Required for license in Gifted Endorsement SEM PREREQ: ISG 7260 QTR EQUIV: EDS 659

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6515 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS661 - Internship: Special Education **STUDENT REC TITLE:** Internship:Special Educ **EFFECTIVE:** Winter 2011 **COURSE DESC:** Graduate student teaching assignment for students seeking licensure to teach mild/moderate or moderate/intensive educational needs or early childhood intervention specialists. Required for students without previous student teaching experience. **COLLEGE:** College of Ed & Human Services **CRED HR:** 10 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 661
	VERSION: REV **COURSE:** EDS6730 - Student Teaching in Special Education: Intervention Specialist Mild/Moderate Needs **STUDENT REC TITLE:** Stdt Tching: IS M/M **EFFECTIVE:** Fall 2012 **COURSE DESC:** Candidates, under the direct supervision of an experienced Intervention Specialist, are assigned to a school for intensive teaching experience in K-12 special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist SEM PREREQ: EDS 6510, EDS 6530, EDS 6550, EDS 6570, EDS 6590, EDS 6610, EDS 6630, EDS 6650, EDS 6670 QTR EQUIV: EDS 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7582 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 3/7/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS670 - Workshop in Special Education **STUDENT REC TITLE:** Workshop Special Ed **EFFECTIVE:** Spring 2011 **COURSE DESC:** Intensive practical study in a selected area of special education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 670
	VERSION: REV **COURSE:** ISG7500 - Specific Studies in Gifted Education **STUDENT REC TITLE:** Spec Studies in Gftd Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent Study in a selected area of intervention specialist gifted education **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 999 REP TIMES: 0 QTR EQUIV: EDS 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6513 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 11/8/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS799 - Special Education Exit Seminar **STUDENT REC TITLE:** Spec Ed Exit Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** Seminar for completing the comprehensive examination for attaining a Master of Education in Special Education. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDS 661 Minimum Grade of P (EDS 661 can be taken concurrently) or Graduate level ED 658 Minimum Grade of P (ED 658 can be taken concurrently) QTR EQUIV: EDS 799
	VERSION: REV **COURSE:** EDS6990 - Professionalism and Ethics in Special Education **STUDENT REC TITLE:** Prof & Ethics in Sp Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of the Special Education Professional Practice Standards and ethical responsibilities of intervention specialists in relation to individuals with exceptionalities and their families as well as employment within the profession. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Intervention Specialist ADD INFO: EDS 6590 ; EDS 6610 or EDS 6420, or EDS 6610 ; EDS 6690 QTR PREREQ: Graduate level EDS 661 Minimum Grade of P (EDS 661 can be taken concurrently) or Graduate level ED 658 Minimum Grade of P (ED 658 can be taken concurrently) QTR EQUIV: EDS 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7405 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/11/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS720 - Creative Problem Solving **STUDENT REC TITLE:** Creative Problem Solving **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduction to creative problem-solving models and approaches that can be used by classroom teachers to involve students in the solutions of problems. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 720
	VERSION: REV **COURSE:** ISG7200 - Theoretical Foundations of Gifted and Talented Educational Services **STUDENT REC TITLE:** Theor Found of Gftd & T **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical perspective, characteristics and major theories of those with gifted and talented educational needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into Gifted Education Endorsement Program ADD INFO: required for license in Gifted Endorsement QTR EQUIV: EDS 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7406 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/11/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS722 - Education of Students with Gifted Educational Needs **STUDENT REC TITLE:** Edu Students with Gifts **EFFECTIVE:** Spring 2011 **COURSE DESC:** Overview of the characteristics of gifted children and youth. The historical and current aspects of education of the gifted, and family problems and vocational concerns. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDS 722
	VERSION: REV **COURSE:** ISG7220 - Nature and Nurture of Students with Gifted Educational Needs **STUDENT REC TITLE:** Nat & Nur St Gftd Ed Nd **EFFECTIVE:** Fall 2012 **COURSE DESC:** Addressing cognitive, affective, social, and physical characteristics of students with gifted and talented needs in the educational setting. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance into the Gifted Endorsement ADD INFO: Required for license in Gifted Endorsement QTR EQUIV: EDS 722

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7408 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 2/11/11 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** EDS723 - Curricula for the Gifted **STUDENT REC TITLE:** Curricula for the Gifted **EFFECTIVE:** Spring 2011 **COURSE DESC:** Study of curriculum, materials, and methods appropriate for teaching gifted individuals. Local program models are presented and observed in class. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level EDS 722 Minimum Grade of C QTR EQUIV: EDS 723
	VERSION: REV **COURSE:** ISG7240 - Curriculum Development and Differentiation for Students with Gifted Educational Needs **STUDENT REC TITLE:** Cur & Dif St Gftd Ed Nds **EFFECTIVE:** Fall 2012 **COURSE DESC:** Understanding the various curriculum models and differentiation in gifted education. Design, delivery and evaluation of curriculum that addresses differentiated curriculum needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 3 RESTRICTION: Acceptance into the Gifted Education Endorsement Program ADD INFO: Required for license in Gifted Endorsement SEM PREREQ: ISG 7200 and ISG 7220 QTR PREREQ: Graduate level EDS 722 Minimum Grade of C QTR EQUIV: EDS 723

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1444 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/29/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** EDT6700 - Workshop in Educational Technology **STUDENT REC TITLE:** Workshop Ed Tech **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive, practical study in a selected area of educational or applied technology and library media. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 0 QTR EQUIV: EDT 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7763 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 5/9/11 **APPROVED:** 6/16/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT680 - Application of Multimedia Resources **STUDENT REC TITLE:** App of Multimedia **EFFECTIVE:** Fall 2011 **COURSE DESC:** Application of multimedia resources in a wide variety of professional disciplines. Software applications include digital storytelling, web design, and electronic portfolio production. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 680
	VERSION: REV **COURSE:** EDT6800 - Intergrating Technology in Learning **STUDENT REC TITLE:** Integrate TechLearning **EFFECTIVE:** Fall 2012 **COURSE DESC:** Types of educational software and applications, the cost of technology, software evaluation, curriculum development, trends and affordances, global educational views and lesson plan integration of technology in learning. Topics vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 QTR EQUIV: EDT 680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1402 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/28/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT700 - Entry Seminar for Educational Technology **STUDENT REC TITLE:** Entry Seminar Ed Tech **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introductory seminar into educational technology programs. Students should take this class before or concurrently with their educational technology coursework. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 700
	VERSION: REV **COURSE:** EDT7000 - Entry Seminar for Educational Technology **STUDENT REC TITLE:** Entry Seminar Ed Tech **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory seminar for educational technology and library media programs. Students should take this class before or concurrently with their first educational technology or library media courses. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6911 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 1/19/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT817 - Issues & Implications of Telecom in the Ed Environment **STUDENT REC TITLE:** Issues in Telecom in Ed **EFFECTIVE:** Winter 2011 **COURSE DESC:** Students will meet in seminar-fashion in traditional and virtual classrooms. Students will participate in an interactive online discussion group. Students will create and manage an online learning community. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** EDT7160 - Telecommunications and On-Line Applications **STUDENT REC TITLE:** Telecom and On-Line Apps **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of on-line educational resources by teaching level, subject and specialized areas. Consideration of issues of intellectual property rights, ethics, student safety, and professional responsibilities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2293 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 3/9/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT731 - School Library Media I **STUDENT REC TITLE:** SLM I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Focuses on the organization and administration of school libraries including policies and procedures, facilities, budgeting, personnel, program evaluation, and marketing/advocacy. Includes field experience component. **COLLEGE:** College of Ed & Human Services **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: EDT 731
	VERSION: REV **COURSE:** EDT7200 - SLM Programs **STUDENT REC TITLE:** SLM Programs **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the administration of school library programs including policies and procedures, facilities, budgeting, personnel, program evaluation, and marketing/advocacy. Includes field experience component. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course title and number changed from EDT 731 SLM1 (Administration) to EDT 7200 SLM Programs. QTR EQUIV: EDT 731

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2019 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/3/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT721 - Catalog & Classification **STUDENT REC TITLE:** Catalog & Classification **EFFECTIVE:** Spring 2010 **COURSE DESC:** Focuses on the process of developing library media center retrieval systems for print/nonprint resources. Students learn to establish standard bibliographic description, access points, classification, subject description, and MARC format for automated systems. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 721
	VERSION: REV **COURSE:** EDT7210 - Organizing Data & Collections **STUDENT REC TITLE:** Org Data & Collections **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students learn to establish standards bibliographic description, access points, classification, subject description and MARC format for automated library systems. Develop strategies to efficiently locate online information. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course name changed from EDT 721 Cataloging to EDT 7210 Organizing Data & Collections QTR EQUIV: EDT 721

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3006 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 5/3/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT732 - School Library Media II **STUDENT REC TITLE:** SLM II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Focuses on the process for developing school library collections, physical and virtual. Includes policies, material selection, acquisitions, maintenance, and evaluation of collections; copyright and intellectual freedom issues. Includes field experience component. **COLLEGE:** College of Ed & Human Services **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** EDT7220 - SLM Resources for Children **STUDENT REC TITLE:** SLM Resources for Child **EFFECTIVE:** Fall 2012 **COURSE DESC:** Developing school library collections for children. Introduction to childrens literature including major authors and illustrators. Selecting materials in different formats such as multimedia, e-books, and reference databases. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course information combined from ED 721 and EDT 732.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2290 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 3/9/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT763 - Young Adult Literature **STUDENT REC TITLE:** Young Adult Literature **EFFECTIVE:** Spring 2010 **COURSE DESC:** Students demonstrate applications of young adult literature for ages 12 21 using booktalks, response-centered approach techniques, literary projects, voices in young adult literature discussions, response journals, and media and young adult literature discussions. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT763&732
	VERSION: REV **COURSE:** EDT7230 - SLM Resources for YA **STUDENT REC TITLE:** SLM Resources for YA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Developing school library collections for your adults. Introduction to young adult literature including major authors and illustrators. Selecting materials in different formats such as multimedia, e-books, and reference databases. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course title and number changed from EDT 763 Young Adult Literature to EDT 7230 SLM Resources for YA. Course information combined from EDT 763 and EDT 732. QTR EQUIV: EDT763&732

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2515 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 3/29/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT733 - School Library Media III **STUDENT REC TITLE:** SLM III **EFFECTIVE:** Spring 2010 **COURSE DESC:** Teaching information literacy skills, collaborating with classroom teachers, standards alignment, and evidence-based practice. Includes field experience. **COLLEGE:** College of Ed & Human Services **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: EDT 733
	VERSION: REV **COURSE:** EDT7240 - Teaching 21st Century Skills **STUDENT REC TITLE:** Teach 21st Century Skill **EFFECTIVE:** Fall 2012 **COURSE DESC:** Teaching 21st century skills, collaborating with classroom teachers, standards alignment, and evidence-based practice. Includes field experience. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course title and number changed from EDT 733 School Library Media III to EDT 7240 Teaching 21st Century Skills QTR EQUIV: EDT 733

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2024 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 2/3/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT734 - SLM Internship **STUDENT REC TITLE:** SLM Internship **EFFECTIVE:** Spring 2010 **COURSE DESC:** Supervised field experience in a school library media center - one week on-site all day. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: EDT 734
	VERSION: REV **COURSE:** EDT7340 - SLM Internship **STUDENT REC TITLE:** SLM Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised field experience in school library for advanced track licensure candidates one week on-site all day. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 734

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1406 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/28/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT751 - Media Literacy I **STUDENT REC TITLE:** Media Literacy I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Use of communication competencies and critical thinking skills, including the ability to access, interpret, evaluate, and communicate information delivered in formats that use images, voice and sound. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 751
	VERSION: REV **COURSE:** EDT7510 - Media Literacy **STUDENT REC TITLE:** Media Literacy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Use of communication competencies and critical thinking skills, including the ability to access, interpret, evaluate, and communicate information delivered in formats that use images, voice and sound. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course title changed from EDT 751 Media Literacy I to EDT 7510 Media Literacy QTR EQUIV: EDT 751

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1446 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/29/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT780 - ICT in Education **STUDENT REC TITLE:** ICT in Education **EFFECTIVE:** Winter 2010 **COURSE DESC:** Information and communication technology provides effective technology integration strategies to educators in the K-12 arena. Participants will be introduced to key technology skills and explore current and emerging practices in educational technologies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: EDT 780
	VERSION: REV **COURSE:** EDT7800 - Information and Communication Technology in Education **STUDENT REC TITLE:** ICT in Education **EFFECTIVE:** Fall 2012 **COURSE DESC:** Information and communication technology provides effective technology integration strategies to educators in the K-12 arena. Participants will be introduced to key technology skills and explore current and emerging practices in educational technologies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1407 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/28/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT782 - Devel Multimedia Prod **STUDENT REC TITLE:** Devel Multimedia Prod **EFFECTIVE:** Winter 2010 **COURSE DESC:** Students use elements of instructional design and storyboarding techniques to translate instruction into various types of multimedia presentations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 782
	VERSION: REV **COURSE:** EDT7820 - Developing Multimedia Applications **STUDENT REC TITLE:** Developing Multimedia **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students use elements of instructional design and storyboarding techniques to translate instruction into various types of multimedia presentations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 782

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1441 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/29/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT786 - Application of Computers in Education **STUDENT REC TITLE:** Appl of Computers in Ed **EFFECTIVE:** Winter 2010 **COURSE DESC:** Types of educational software and applications, software evaluation, curriculum development, and lesson planning integrating computer courseware. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 786
	VERSION: REV **COURSE:** EDT7860 - Educational Applications of Computers **STUDENT REC TITLE:** Ed Apps of Computers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores types of educational software and applications, software evaluation, curriculum development, and lesson planning integrating computer courseware. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 786

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1926 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 1/27/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT790 - School Library Media Practicum **STUDENT REC TITLE:** SLM Practicum **EFFECTIVE:** Spring 2010 **COURSE DESC:** Supervised teaching experience in a school library media center for library media candidates pursuing an initial license. **COLLEGE:** College of Ed & Human Services **CRED HR:** 12 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: EDT 790
	VERSION: REV **COURSE:** EDT7900 - School Library Media Practicum **STUDENT REC TITLE:** SLM Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised teaching experience in a school library for library media candidates pursuing an initial license. **COLLEGE:** College of Ed & Human Services **CRED HR:** 8 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 790

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6548 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 11/15/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT799 - Exit Seminar in Educational Technology **STUDENT REC TITLE:** Exit Seminar in Ed Tech **EFFECTIVE:** Winter 2011 **COURSE DESC:** Individual and group study of problems related to educational technology. Enrollment is limited to department majors. Should be taken near or at the completion of master degree program. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 799
	VERSION: REV **COURSE:** EDT7990 - Exit Seminar in Library Media **STUDENT REC TITLE:** Exit Seminar Lib Media **EFFECTIVE:** Fall 2012 **COURSE DESC:** Individual and group study of problems related to educational technology. Should be taken near or at the completion of master degree program. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: EDT 7000 QTR EQUIV: EDT 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2540 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 3/31/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT839 - Instructional Design and Development **STUDENT REC TITLE:** Inst Design & Devlopment **EFFECTIVE:** Spring 2010 **COURSE DESC:** Advanced course in the development of a wide range of techniques and materials to improve instruction. Includes factors that facilitate learning, patterns for teaching and learning, the contributions of audiovisual material to improve learning, procedures for designing instruction, and the instructional design plan. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 839
	VERSION: REV **COURSE:** EDT8390 - Instructional Design & Online Learning **STUDENT REC TITLE:** Inst Design Online Learn **EFFECTIVE:** Fall 2012 **COURSE DESC:** Use learning theory and instructional design principals develop high quality, engaging online instruction **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course title changed from EDT 839 Instructional Design and Development to EDT 8390 Instructional Design & Online Learning QTR EQUIV: EDT 839

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1447 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/29/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT890 - Internship **STUDENT REC TITLE:** Internship **EFFECTIVE:** Winter 2010 **COURSE DESC:** Students are assigned for a maximum of 100 hours to a library, learning center, computer facility, or video operation to gain practical experience under supervised conditions. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 890
	VERSION: REV **COURSE:** EDT8900 - Internship **STUDENT REC TITLE:** Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students are assigned for a maximum of 100 hours to a library, learning center, computer facility, or video operation to gain practical experience under supervised conditions. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate; Must be in one of the following programs: EDT SPC FEE: Educational Tech Course Fee (2003), $22.5 QTR EQUIV: EDT 890

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1445 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/29/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT895 - Administration & Supervision of Educational Technology **STUDENT REC TITLE:** Adm & Superv of Ed Tech **EFFECTIVE:** Winter 2010 **COURSE DESC:** Covers leadership theory and networking; qualifications and duties of the director; planning and administering the program; preparing the budget; buying equipment and handling materials; in-service training and evaluation of the program. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 895
	VERSION: REV **COURSE:** EDT8950 - Administration & Supervision of Educational Technology **STUDENT REC TITLE:** Adm & Superv of Ed Tech **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers leadership theory and networking; qualifications and duties of the director; planning and administering the program; preparing the budget; buying equipment and handling materials; in-service training and evaluation of the program. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 895

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2506 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 3/29/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EDT899 - Master's Thesis **STUDENT REC TITLE:** Master's Thesis **EFFECTIVE:** Spring 2010 **COURSE DESC:** The project may be a thesis or creative production and is prepared under the guidance of the student's advisory committee. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EDT 899
	VERSION: REV **COURSE:** EDT9990 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** The project may be a thesis or creative production and is prepared under the guidance of the student's advisory committee. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course title and number changed from EDT 899 Master's Thesis to EDT 9990 Thesis QTR EQUIV: EDT 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6015 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 10/5/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** REV **COURSE:** EE5000 - Solid State Materials for Electronics, Photonics and MEMS **STUDENT REC TITLE:** Solid State EE Materials **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the essential physical parameters of solids that make devices so important: elastic and thin-film properties (i.e. MEMS devices); electromechanical, piezoelectric and ferroelectric properties; paramagnetism and ferromagnetism; electron transport properties (metals and semiconductors); electronic bandgap and bandgap-engineering; and the essential role of crystallinity in enhancing desired parameters (i.e. dielectric function in ferroelectrics or electron mobility in semiconductors). **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following: College of Egr. and Computer Sci. XLIST: EE 3000

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1276 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/22/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE521 - Linear Systems I **STUDENT REC TITLE:** Linear Systems I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Considers systems in a broad context including linear, nonlinear; variant, invariant; and analog and discrete. Approaches to system and signal modeling are discussed with emphasis on the Fourier transform technique. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 301 and EE 302 QTR EQUIV: EE 521
	VERSION: REV **COURSE:** EE5210 - Linear Systems I **STUDENT REC TITLE:** Linear Systems I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuous-time signals and systems, time domain analysis, Laplace transform, Fourier series, Fourier transform, Bode analysis. Various approaches to system and signal modeling are also discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci XLIST: EE 3210 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: EE 301 and EE 302 QTR EQUIV: EE 521

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1280 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/22/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE522 - Linear Systems II **STUDENT REC TITLE:** Linear Systems II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Covers discrete time signals and systems, the z-Transform, input/output theory and discrete Fourier transform, IIR and FIR filter design, relationships, and sampling. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 321 QTR EQUIV: EE 522
	VERSION: REV **COURSE:** EE6000 - Linear Systems II **STUDENT REC TITLE:** Linear Systems II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers discrete time signals and systems, the z-Transform, input/output theory and discrete Fourier transform, IIR and FIR filter design, relationships, and sampling. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci XLIST: EE 4000 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: EE 321 QTR EQUIV: EE 522

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1283 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/22/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE526 - Random Signals and Noise **STUDENT REC TITLE:** Random Signals and Noise **EFFECTIVE:** Winter 2010 **COURSE DESC:** Provides a practical introduction to the concepts of random events, characterization of stochastic signals, first and second order moment descriptions of random processes, and input/output descriptions of random signals and noise in linear systems. Prerequisite: EE 321. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 321 QTR EQUIV: EE 526
	VERSION: REV **COURSE:** EE5260 - Random Signals and Noise **STUDENT REC TITLE:** Random Signals and Noise **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides a practical introduction to the concepts of random events, characterization of stochastic signals, first and second order moment descriptions of random processes, and input/output descriptions of random signals and noise in linear systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci XLIST: EE 3260 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: EE 321 QTR EQUIV: EE 526

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1286 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/22/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE531 - Electronic Devices **STUDENT REC TITLE:** Electronic Devices **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to basic solid-state electron devices. Fundamentals necessary for comprehension and further study of modern engineering electronics. Major topics include carrier flow in semiconductors, p-n junction theory, semiconductor diodes, bipolar junction transistors, field-effect transistors, biasing, and introduction to amplifiers. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 501 and Graduate level EE 502 QTR EQUIV: EE 531
	VERSION: REV **COURSE:** EE5310 - Electronic Devices and Circuits **STUDENT REC TITLE:** Devices and Circuits **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to, theory of and application of basic solid-state electron devices for discrete and integrated circuits. Fundamentals necessary for comprehension and further study of modern engineering electronics. Major topics include carrier flow in semiconductors, p-n junction theory, semiconductor diodes, bipolar junction transistors, field-effect transistors, biasing, introduction to amplifiers, and frequency response. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 5310L XLIST: EE 3310 SPC FEE: Egr&Comp Science Fee (1600), $67.5 QTR PREREQ: Graduate level EE 501 and Graduate level EE 502 QTR EQUIV: EE 531

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1291 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/22/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE532 - Electronic Devices Laboratory **STUDENT REC TITLE:** Electronic Devices Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Applications of diodes and transistors in analog circuits, design of bias circuits transistors. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 501 and Graduate level EE 502 QTR EQUIV: EE 532
	VERSION: REV **COURSE:** EE5310L - Electronic Devices and Circuits Laboratory **STUDENT REC TITLE:** Devices and Circuits Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Applications of diodes and transistors in analog circuits, design of bias circuits transistors. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 5310 XLIST: EE 3310 SPC FEE: Egr&Comp Science Fee (1600), $22.5 QTR PREREQ: Graduate level EE 501 and Graduate level EE 502 QTR EQUIV: EE 532

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1292 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/22/09 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** EE545 - Electromagnetics **STUDENT REC TITLE:** Electromagnetics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Developments in the basic concepts of vector calculus and their application to electromagnetics, electrostatics, and magnetics; induced electromotive force; and Maxwell's equations and their physical interpretation and application. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 301 and EE 302 and MTH 232 QTR EQUIV: EE 545
	VERSION: REV **COURSE:** EE5450 - Introduction to Electromagnetics **STUDENT REC TITLE:** Intro Electromagnetics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Electrostatics and magnetics; induced electro-motive force; Maxwell equations and their physical interpretation; Transmission lines; Radiation and antennas **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 5450L XLIST: EE 3450 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: EE 301 and EE 302 and MTH 232 QTR EQUIV: EE 545

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5453 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 9/22/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** EE5450L - Electromagnetics Laboratory **STUDENT REC TITLE:** Electromagnetics Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting EE 5450. Students will experience hands on learning in lab environment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 5450 XLIST: EE 3450L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3264 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 5/17/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** EE610 - Introduction to Micro-Electro-Mechanical Systems (MEMS) **STUDENT REC TITLE:** Introduction to MEMS **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course covers the history, design, and fabrication of micro-electro-mechanical systems (MEMS), and the basic operating theory of selected MEMS transducers. Typical fabrication methods covered include surface micromachining, bulk micromachining, and micromolding. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 331 and EE 332 QTR EQUIV: EE 610
	VERSION: REV **COURSE:** EE6100 - Micro-Electro-Mechanical Systems I - Microfabrication Engineering **STUDENT REC TITLE:** MEMS I - Microfab Egr **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course covers the history, design, and fabrication of CMOS and micro-electro-mechanical systems (MEMS). Typical fabrication methods cover CMOS, front-end-of-line (FEOL), back-end-of-line (BEOL), surface and bulk micromachining. Typical VLSI devices and selected RF MEMS are covered. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci XLIST: EE 4100 QTR PREREQ: EE 331 and EE 332 QTR EQUIV: EE 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1327 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** EE6120 - Industrial Controls and Automation **STUDENT REC TITLE:** Industrial Controls **EFFECTIVE:** Fall 2012 **COURSE DESC:** For each student to gain a working knowledge of industrial controls and automation. Focus is on developing an understanding of wiring diagram creation, hardware selection, and programmable logic controller design and operation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6120L XLIST: EE 4120

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5445 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 9/22/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** EE6120L - Industrial Controls and Automation Laboratory **STUDENT REC TITLE:** Industrial Cntrols Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting EE 6120. Students will experience hands on learning in lab environment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6120 XLIST: EE 4120L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3266 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 5/17/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** EE6130 - Continuous Control Systems **STUDENT REC TITLE:** Cont Control Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory course providing students with a general control background. Major topics include block diagrams and signal-flow graphs, electromechanical modeling, time response, root locus, and design of PID controllers. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must not be enrolled in of the following levels: undergraduate. Must be enrolled in one of the following Colleges: College of Egr and Computer Sci. COREQ: EE 6130L XLIST: EE 4130

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5446 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 9/22/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** EE614 - Control Systems I Laboratory **STUDENT REC TITLE:** Control Systems I Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 711.) Application and testing of control systems theory with electromechanical systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 613 (EE 613 can be taken concurrently) QTR EQUIV: EE 614
	VERSION: REV **COURSE:** EE6130L - Continuous Control Systems Laboratory **STUDENT REC TITLE:** Control Systems Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting EE 6130. Students will experience hands on learning in lab environment. Application and testing of control systems theory with electromechanical systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6130 XLIST: EE 4130L SPC FEE: Egr&Comp Science Fee (1600), $22.5 QTR PREREQ: Graduate level EE 613 (EE 613 can be taken concurrently) QTR EQUIV: EE 614

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1331 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE617 - Digital Control Systems **STUDENT REC TITLE:** Digital Control Systems **EFFECTIVE:** Winter 2010 **COURSE DESC:** Covers sampled spectra and aliasing, analysis and design of digital control systems using root locus and transform techniques; discrete equivalents of continuous controller and quantization effects, introduction to programmable logic controllers. 3 hours lecture, 4 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 615 QTR EQUIV: EE 617
	VERSION: REV **COURSE:** EE6170 - Digital Control Systems **STUDENT REC TITLE:** Digital Cont Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Samples spectra and aliasing, analysis and design of digital control systems using root locus and transform techniques, discrete equivalents of continuous controller and quantization effects. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6170L XLIST: EE 4170 SPC FEE: Egr&Comp Science Fee (1600), $67.5 QTR PREREQ: Graduate level EE 615 QTR EQUIV: EE 617

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5450 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 9/22/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** EE6170L - Digital Control Systems Laboratory **STUDENT REC TITLE:** Digital Cont Sys Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting EE 6170. Students will experience hands on learning in lab environment. Application and testing of control systems theory with electromechanical systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6170 XLIST: EE 4170L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1333 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE619 - Introduction to Intelligent Control Systems **STUDENT REC TITLE:** Intro to Intelligent Control **EFFECTIVE:** Winter 2010 **COURSE DESC:** Foundations of fuzzy set theory, system modeling using fuzzy rules, structure of fuzzy controllers and PID fuzzy controller design. Also included are neural network foundations, single layered/multi-layered perceptrons, learning rules, basics of adaptive controls and adaptive neural control. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 613 QTR EQUIV: EE 619
	VERSION: REV **COURSE:** EE6190 - Introduction to Intelligent Control Systems **STUDENT REC TITLE:** Intelligent Control Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Foundations of fuzzy set theory, system modeling using fuzzy rules, structure of fuzzy controllers and PID fuzzy controller design. Also included are neural network foundations, single layered/multi-layered perceptions, learning rules, basics of adaptive controls and adaptive neural control. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6190L XLIST: EE 4190 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 613 QTR EQUIV: EE 619

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5452 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 9/22/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** EE619L - Introduction to Fuzzy Logic Control Laboratory **STUDENT REC TITLE:** Fuzzy Logic Cntrl Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 619. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 619L
	VERSION: REV **COURSE:** EE6190L - Introduction to Intelligent Control Laboratory **STUDENT REC TITLE:** Intelligent Control Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting EE 6190. Students will experience hands on learning in lab environment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6190 XLIST: EE 4190L QTR EQUIV: EE 619L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1335 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** EE621 - Digital Communication **STUDENT REC TITLE:** Digital Communication **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course provides an introduction to digital communications. Topics include: source coding, pulse shaping, digital moducation/demodulation, signal detection and optimal receiver, simulation of digital communication system is an integral part of this course. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 621
	VERSION: REV **COURSE:** EE6210 - Digital Communication **STUDENT REC TITLE:** Digital Communication **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an introduction to digital communications. Topics include: analog communication vs digital communication, source coding, pulse shaping, digital moducation/demodulation, signal detection and optimal receiver, simulation of digital communication system is an integral part of this course. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6210L XLIST: EE 4210 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR EQUIV: EE 621

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5455 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 9/22/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** EE6210L - Digital Communication Laboratory **STUDENT REC TITLE:** Digital Comm Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting EE 6210. Students will experience hands on learning in lab environment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6210 XLIST: EE 4210L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1338 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE636 - Digital Signal Processing: Theory, Application and Implementation **STUDENT REC TITLE:** Digital Signal Processing **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduces principles and applications of digital signal processing (DSP) from the design and implementation perspective. Topics include analog to-digital/digital-to-analog converters and digital filters, Fourier analysis algorithms, and real-time applications all implemented on a TMS 320C30 floating Point DSP Chip. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 322 and CEG 221 QTR EQUIV: EE 636
	VERSION: REV **COURSE:** EE6360 - Digital Signal Processing: Theory, Application and Implementation **STUDENT REC TITLE:** Digital Signal Proc **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces principles and applications of digital signal processing (DSP) from the design and implementation perspective. Introduction to advanced digital signal processing design concepts. Focus on time and frequency domain algorithms. Methods include multirate signal processing. Filter banks, time-frequency analysis, and wavelets. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci XLIST: EE 4360 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: EE 322 and CEG 221 QTR EQUIV: EE 636

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1342 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE642 - Transmission Lines, Waveguides and Radiating Systems **STUDENT REC TITLE:** Tran Lines Waveguide Ant **EFFECTIVE:** Winter 2010 **COURSE DESC:** Plane waves in free space and matter. Transmission line equations and application of Smith chart. Wave propagation in rectangular waveguides. Introduces radiating systems including the dipole and loop antennas. Rudimentary design of typical systems containing transmission lines, waveguides, and antennas. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture QTR EQUIV: EE 642
	VERSION: REV **COURSE:** EE6420 - Microwave Engineering I - Passive Components **STUDENT REC TITLE:** Microwave Egr I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Transmission line theory and application wave propagation in rectangular waveguides, microwave network analysis, matching network, design of microwave filter and resonator, and introduction of electromagnetic compatibility. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 COREQ: EE 6420L XLIST: EE 4420 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR EQUIV: EE 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1346 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** EE6420L - Microwave Engineering I - Passive Components Laboratory **STUDENT REC TITLE:** Microwave EGR I Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting EE 6420. Students will experience hands on learning in lab environment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 COREQ: EE 6420 XLIST: EE 4420L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1356 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE644 - Linear Integrated Circuits **STUDENT REC TITLE:** Linear Integrated Circuits **EFFECTIVE:** Winter 2010 **COURSE DESC:** Theory and applications of linear integrated circuits. Topics include ideal and real operational amplifiers, frequency response and compensation, active filters, comparators, and waveform generators. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 631 and Graduate level EE 632 QTR EQUIV: EE 644
	VERSION: REV **COURSE:** EE6440 - Electronic Integrated Systems **STUDENT REC TITLE:** Electronic Integ Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory and applications of linear integrated circuits. Topics include bipolar and field effect transistor analysis and design, multi-stage and feedback amplifiers, ideal and real operational amplifiers, frequency response and compensation, active filters, comparators, and waveform generators. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6440L XLIST: EE 4440 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 631 and Graduate level EE 632 QTR EQUIV: EE 644

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1357 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** EE644L - Linear Integrated Circuits Laboratory **STUDENT REC TITLE:** Linear Integ Circuits Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 644. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 644L
	VERSION: REV **COURSE:** EE6440L - Electronic Integrated Systems Laboratory **STUDENT REC TITLE:** Electronic Integ Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting EE 6440. Students will experience hands on learning in lab environment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6440 XLIST: EE 4440L QTR EQUIV: EE 644L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1358 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE646 - Microwave Circuit Design **STUDENT REC TITLE:** Microwave Circuit Design **EFFECTIVE:** Winter 2010 **COURSE DESC:** Review of Smith chart, introduction to microstrip lines, impedance matching, power-gain equations, stability considerations, and design methods for amplifiers and oscillators. CAD (Touchstone software by EESOF) is used. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 646
	VERSION: REV **COURSE:** EE6460 - Microwave Engineering II - Active Components and Circuits **STUDENT REC TITLE:** Microwave Egr II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamental of RF active components; Design impedance matching network; microwave transistor amplifier design; Microwave transistor oscillator and mixer design; Introduction to microwave systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6460L XLIST: EE 4460 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR EQUIV: EE 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1362 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** EE6460L - Microwave Engineering II - Active Components and Circuits Laboratory **STUDENT REC TITLE:** Microwave Egr II Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the College of EGR and Computer Sci COREQ: EE 6460 XLIST: EE 4460L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1360 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE647 - Antenna Theory and Design **STUDENT REC TITLE:** Antenna Theory & Desgn **EFFECTIVE:** Winter 2010 **COURSE DESC:** Computer-aided design and analysis of wire antennas, feed networks, and antenna arrays using antenna CAD software. Covers linear dipole antennas, antenna arrays, thin-wire antennas, moment method analysis (vee dipole, folded dipole, etc.), broadband and frequency-independent antennas. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 647
	VERSION: REV **COURSE:** EE6470 - Antenna Theory and Design **STUDENT REC TITLE:** Antenna Theory & Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Linear dipole antennas, antenna arrays, thin-wire antennas, moment method analysis examples (vee dipole, folded dipole, etc.), and broadband and frequency-independent antennas. Computer-aided design and analysis of wire antennas, feed networks, and antenna arrays using antenna CAD software. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr COREQ: EE 6470L XLIST: EE 4470 SPC FEE: Egr, $90 QTR EQUIV: EE 647

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1363 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** EE6470L - Antenna Theory and Design Laboratory **STUDENT REC TITLE:** Antenna Thry Design Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required laboratory for EE 6470. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the College of EGR and Computer Sci COREQ: EE 6470 XLIST: EE 4470L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1364 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE654 - VLSI Design **STUDENT REC TITLE:** VLSI Design **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as CEG 654.) Introduction to VLSI system design. Topics include CMOS devices and circuit design techniques, basic building blocks for CMOS design, fabrication processing and design rules, chip planning and layout, system timing and power dissipation, simulation for VLSI design, and signal processing with VLSI. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 651 or Graduate level CEG 560 QTR EQUIV: EE 654
	VERSION: REV **COURSE:** EE6540 - Very Large Scale Integrated Circuit Design **STUDENT REC TITLE:** VLSI Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as CEG 654.) Introduction to VLSI system design. Topics include CMOS devices and circuit design techniques, basic building blocks for CMOS design, fabrication processing and design rules, chip planning and layout, system timing and power dissipation, simulation for VLSI design, and signal processing with VLSI. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6540L XLIST: CEG 4322, EE 4540, CEG 6322 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 651 or Graduate level CEG 560 QTR EQUIV: EE 654

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8164 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 1/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** CURR **COURSE:** EE654L - VLSI Design Laboratory **STUDENT REC TITLE:** VLSI Design Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 654. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 654L
	VERSION: REV **COURSE:** EE6540L - Very Large Scale Integrated Circuit Design Laboratory **STUDENT REC TITLE:** VLSI Design Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Work station based experience designing asic devices for evaluation and testing. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6540 XLIST: EE 4540L, CEG 6540L QTR EQUIV: EE 654L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1366 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** EE656 - Introduction to Robotics **STUDENT REC TITLE:** Intro to Robotics **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as CEG 656 and ME 656.) Introduction to the mathematics, programming, and control of robots. Topics covered include coordinate systems and transformations, manipulator kinematics and inverse kinematics, trajectory planning, Jacobians, and control. Prerequisite: MTH 253; proficiency in Pascal, C, or FORTRAN programming. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 656
	VERSION: REV **COURSE:** EE6560 - Introduction to Robotics **STUDENT REC TITLE:** Intro Robotics **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as CEG 6560 and ME 6560.) An introduction to the mathematics of robots. Topics covered include coordinate systems and transformations, manipulator kinematics and inverse kinematics, Jacobians, dynamic and trajectory planning. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: CEG 6230L, ME 6260L, EE 6560L SPC FEE: Egr&Comp Science Fee (1600), $90 QTR EQUIV: EE 656

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1367 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** EE656L - Introduction to Robotics Laboratory **STUDENT REC TITLE:** Intro to Robotics Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 656. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 656L
	VERSION: REV **COURSE:** EE6560L - Introduction to Robotics Laboratory **STUDENT REC TITLE:** Intro Robotics Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory supporting EE 6560. Students will experience hands on learning in lab environment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6560 XLIST: EE 4560L QTR EQUIV: EE 656L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1368 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE662 - Digital Integrated Circuit Design with PLDs and FPGAs **STUDENT REC TITLE:** Ckt Dsgn w PLDs & FPGAs **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as CEG 658.) Design and application of digital integrated circuits using programmable logic devices (PLDs) and field programmable gate arrays (FPGAs). A commercial set of CAD tools (Mentor Graphics and Xilinx) are used in the lab portion of the course. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level CEG 560 or Graduate level EE 651 QTR EQUIV: EE 662
	VERSION: REV **COURSE:** EE6620 - Digital Integrated Circuit Design with PLDs and FPGAs **STUDENT REC TITLE:** Digital Circuit Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Digital design with behavioral level VHDL; application of VHDL to the design, analysis, and synthesis of digital integrated circuits; field programmable gate arrays (FPGAs); and design and application of digital integrated circuits using FPGAs. CAD tools, devices, and boards will be used in lab portion of the course. Topics include registers, counters, memory devices, register-level design, microcomputer system organization. Students must show competency in the design of digital systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6621 XLIST: EE 4620 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level CEG 560 or Graduate level EE 651 QTR EQUIV: EE 662

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
1370 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE670 - Introduction to Sensors **STUDENT REC TITLE:** Introduction to Sensors **EFFECTIVE:** Winter 2010 **COURSE DESC:** An overview of basic sensor technology to provide the engineering student with practical working knowledge of sensors. Course will include basic sensor operating priniples, basic electronics and measurement principles. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 670
	VERSION: REV **COURSE:** EE6700 - Micro-Electro-Mechanical Systems II - Sensors **STUDENT REC TITLE:** MEMS II - Sensors **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course offers an overview of basic sensor technology to provide the engineering student with practical working knowledge of sensors. Course will include basic operating principles, basic electronics and measurement principles. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6700L XLIST: EE 4700 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR EQUIV: EE 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1374 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE673 - Wireless Communication I **STUDENT REC TITLE:** Wireless Communication I **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course provides an introduction to wireless communication. Topics include cellular network concept, wireless communication channel and multi-path fading, digital modulation/demodulation techniques, performance analysis, equalization, diversity, and RAKE receiver and wireless communication system simulation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 621 QTR EQUIV: EE 673
	VERSION: REV **COURSE:** EE6730 - Wireless Communication **STUDENT REC TITLE:** Wireless Comm **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an overview on various topics of wireless communication. Topics include cellular network concept, wireless communication channel and multi-path fading, digital modulation/demodulation techniques for wireless communication, performance analysis, equalization, diversity, and RAKE receiver, spreading spectrum technology and CDMA, cognitive radio and dynamic spectrum access, and wireless communication system simulation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6730L XLIST: EE 4730 SPC FEE: Egr&Comp Science Fee (1600), $67.5 QTR PREREQ: Graduate level EE 621 QTR EQUIV: EE 673

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1375 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** EE673L - Commun Sys Desgn I Lab **STUDENT REC TITLE:** Commun Sys Desgn I Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 673. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 673L
	VERSION: REV **COURSE:** EE6730L - Wireless Communication Laboratory **STUDENT REC TITLE:** Wireless Comm Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required laboratory for EE 6730. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 6730 XLIST: EE 4730L QTR EQUIV: EE 673L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1377 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/23/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE675 - Introduction to Radar Systems **STUDENT REC TITLE:** Intro to Radar Systems **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introductory study of the radar equation, antenna patterns, target cross sections and system losses, radar measurements, pulse doppler and coherent techniques, detection probability and signal-to-noise ratio, sidelobe clutter, synthetic arrays, and pulse compression techniques. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EE 675
	VERSION: REV **COURSE:** EE6750 - Introduction to Radar Systems **STUDENT REC TITLE:** Intro to Radar Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory study of the radar equation, antenna patterns, target cross sections and system losses, radar measurements, pulse doppler and coherent techniques, detection probability and signal-to-noise ratio, sidelobe clutter, synthetic arrays, and pulse compression techniques. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci XLIST: EE 4750 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR EQUIV: EE 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
962 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE701 - Linear Systems **STUDENT REC TITLE:** Linear Systems **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as EGR 701 and BMS 705.) Signal representation, orthonormal bases, and generalized Fourier series. Description of linear, discrete, and continuous systems. Systems analysis via classical equations, convolution, and transform methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7010 - Applied Linear Techniques **STUDENT REC TITLE:** Applied Linear Technique **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate level linear engineering methods in finite and infinite dimensions. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci XLIST: EGR 7010 SPC FEE: Egr&Comp Science Fee (1600), $90

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
963 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** EE702 - Linear Systems II **STUDENT REC TITLE:** Linear Systems II **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as BMS 706.) State variable representations of continuous and discrete systems. Linear vector spaces and similarity transformations; eigen-analysis, time and transform domain solutions of linear state equations; controllability, observability, and stability of linear systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7020 - Modern Control I **STUDENT REC TITLE:** Modern Control I **EFFECTIVE:** Fall 2012 **COURSE DESC:** State variable representations of continuous and discrete systems. Linear vector spaces and similarity transformations; elgen-analysis, time and transform domain solutions of linear state equations; controllability, observability, and stability of linear systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SPC FEE: Egr&Comp Science Fee (1600), $67.5

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
964 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE708 - Advanced Micro-Electro-mechanical Systems (MEMS) **STUDENT REC TITLE:** Advanced MEMS **EFFECTIVE:** Winter 2010 **COURSE DESC:** Classical and advanced micro-sensing and actulation methods. Analytical and finite element methods utilized in investigating MEMS with computed results compared to published experimental data findings. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 610 or EE 410
	VERSION: REV **COURSE:** EE7080 - Advanced Micro-Electro-Mechanical Systems (MEMS) **STUDENT REC TITLE:** Advanced MEMS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Classical and advanced micro-sensing and actulation methods. Analytical and finite element methods utilized in investigating MEMS with computed results compared to published experimental data findings. Topics covered include bio-MEMs and microfluidics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 6100 Minimum Grade D or EE 4100 Minimum Grade D SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 610 or EE 410

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
965 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE715 - Digital Image Processing **STUDENT REC TITLE:** Digital Image Processing **EFFECTIVE:** Winter 2010 **COURSE DESC:** Image representation, sampling/quantization, spatial/frequency concepts, image enhancement, color image theory, unitary image transforms, image data compression, image models, image coding, image restoration, feature extraction and description, and computer implementation of concepts and algorithms introduced. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 710 QTR EQUIV: EE 715
	VERSION: REV **COURSE:** EE7150 - Digital Image Processing **STUDENT REC TITLE:** Digital Image Processing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Image representation, sampling/quantization, spatial/frequency concepts, image enhancement, color image theory, unitary image transforms, image data compression, image models, image coding, image restoration, feature extraction and description, and computer implementation of concepts and algorithms introduced. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 710 QTR EQUIV: EE 715

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
966 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE716 - Kalman Filters and Applied Estimation **STUDENT REC TITLE:** Kalman Filters & Estmtn **EFFECTIVE:** Winter 2010 **COURSE DESC:** Least square estimation, minimum mean square error estimation, maximum likelihood estimation, maximum a posteriori estimation, consistency testing, Kalman filters, extended Kalman filters, iterated extended Kalman filters, a-b-r filters, adaptive estimation, Monte Carlo simulations and case studies. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 761
	VERSION: REV **COURSE:** EE7160 - Multisensor and Information Fusion **STUDENT REC TITLE:** Multisensor Info Fusion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Sensor characteristics, sensor information processing, management, modeling, and coordination. Statistical, Bayesian and Fisher, weighted least-square, dynamic distributed and centralized, rule-based and adaptive sensor fusion. Demptster-Shafer technique. Fusion by Markov random fields. Multiresolutional sensor fusion. Fusion with out-of-sequence measurements. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7610 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 761

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
968 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE717 - Multisensor/Data Fusion **STUDENT REC TITLE:** Multisensor/Data Fusion **EFFECTIVE:** Winter 2010 **COURSE DESC:** Multisensor/data integration. Sensor characteristics, management, modeling, and coordination. Statistical, Bayesian and Fisher, weighted least-square, dynamic distributed and centralized, rule-based and adaptive sensor fusion. Demptster-Shafer technique. Fusion by Markov random fields. Neural network and fuzzy logic applications. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 761
	VERSION: REV **COURSE:** EE7170 - Target Tracking and Data Association **STUDENT REC TITLE:** Tgt Tracking Data Assoc **EFFECTIVE:** Fall 2012 **COURSE DESC:** Multitarget tracking and data association. Linear and nonlinear state estimation. Maneuvering targets. Single target and multitarget tracking in clutter. Joint probabilistic data association filter. Multiple hypothesis and distributed multitarget tracking. Track-to-track fusion. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7610 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 761

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
970 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** EE720 - Advanced Digital Control **STUDENT REC TITLE:** Advanced Digital Control **EFFECTIVE:** Winter 2010 **COURSE DESC:** Analysis and design of digital control systems using the state approach, multirate digital control systems, and digital state observer and microprocessor control. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 617
	VERSION: REV **COURSE:** EE7200 - Modern Control II **STUDENT REC TITLE:** Modern Control II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis and design of digital control systems using the state approach, multirate digital control systems, and digital state observer and microprocessor control. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE 7020 SPC FEE: Egr&Comp Science Fee (1600), $67.5 QTR PREREQ: Graduate level EE 617

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
972 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** REV **COURSE:** EE7270 - Adaptive Control **STUDENT REC TITLE:** Adaptive Control **EFFECTIVE:** Fall 2012 **COURSE DESC:** The goal of this course is to provide a rigorous introduction to the exciting world of adaptive/self-tuning systems and the application of adaptive techniques to control of dynamic systems with parametric uncertainty. Students will develop first-hand experience in the use of adaptive control techniques via computer simulations. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7020 and Graduate level EE 7200

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
973 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** REV **COURSE:** EE7280 - Intelligent Control **STUDENT REC TITLE:** Intelligent Control **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course focuses on providing an introduction to the emerging area of intelligent control methods and their applications to the control and health monitoring of uncertain, complex dynamical systems. An additional goal is the development of the foundational tools needed for pursuing independent research, giving oral presentations, and producing written reports. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7020 and Graduate level EE 7200

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
974 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE733 - Modern Radar Theory **STUDENT REC TITLE:** Modern Radar Theory **EFFECTIVE:** Winter 2010 **COURSE DESC:** Application of probability and random process to the performance characterization of range/doppler radar. Development of the concepts of resolution, S/N, ambiguity function, and pulse compression, and their applications to radar systems design. Consideration is also given to coherent imaging radar. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 621 and Graduate level EE 675
	VERSION: REV **COURSE:** EE7330 - Modern Radar Theory **STUDENT REC TITLE:** Modern Radar Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of probability and random process to the performance characterization of range/doppler radar. Development of the concepts of resolution, S/N, ambiguity function, and pulse compression, and their applications to radar systems design. Consideration is also given to coherent imaging radar. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 621 and Graduate level EE 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
976 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** EE735 - Wireless Communication Techniques **STUDENT REC TITLE:** Wireless Com Techniques **EFFECTIVE:** Winter 2010 **COURSE DESC:** Wireless Generations (1G, 2G, and 3G) and Standards, Wireless LAN's (Bluetooth), the Cellular concept - channel allocation and hand-off strategies, capacity of Cellular systems - Cell Splitting, Sectoring, Trunking and Grade of Service. Matched Filters and basic detection Theory, Analog and Digital Modulation techniques used in commercial Wireless systems - FM, DPSK, QPSK, /4-QPSK, OPSK, MSK, GMSK, and OFDM. M-ary modulation, Multiple-access techniques, Path loss in wireless channels, Large Scale and Small Scale Path Loss - Rayleigh and Rician Fading; Multipath and Doppler, Computer simulation of digital communication techniques, Computer Simulation of fading channels. Prerequisite: EE 761 or equivalent. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 761
	VERSION: REV **COURSE:** EE7350 - Wireless Communication Techniques **STUDENT REC TITLE:** Wireless Comm Techniques **EFFECTIVE:** Fall 2012 **COURSE DESC:** The goal of this course is to provide students with a comprehensive and in-depth understanding of the frontier of modern wireless communication technologies. Topics include: uniqueness and difficulty of wireless communication system design, wireless communication channel and propagation model, modulation and demodulation techniques for mobile communication, multiple access technologies, wireless communicaton system simulation, etc. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7610 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 761

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
977 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE736 - Advanced Wireless Communication Techniques **STUDENT REC TITLE:** Advance Wireless Com Tech **EFFECTIVE:** Winter 2010 **COURSE DESC:** Fading Counteraction including ISI mitigation and Adaptive Equaliztion, Diversity, Coding and Interleaving for error correction, Speech Coding, Multiplexing and Multiple Access techniques including TDMA, FDMA, and CDMA; OFDM, CDMA, Wireless Networking, Packet Radio, Wireless LAN's including Bluetooth. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 735
	VERSION: REV **COURSE:** EE7360 - Advanced Wireless Communication Techniques **STUDENT REC TITLE:** Adv Wireless Comm Tech **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fading Counteraction including ISI mitigation and Adaptive Equaliztion, Diversity, Coding and Interleaving for error correction, Speech Coding, Multiplexing and Multiple Access techniques including TDMA, FDMA, and CDMA; OFDM, CDMA, Wireless Networking, Packet Radio, Wireless LAN's including Bluetooth. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7350 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 735

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
978 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE740 - Information Theory **STUDENT REC TITLE:** Information Theory **EFFECTIVE:** Winter 2010 **COURSE DESC:** Development of communication channel model and use of information theory as means of quantifying that model. Investigation of various error correcting and detecting codes. The popular Viterbi coding algorithm is also considered. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 761
	VERSION: REV **COURSE:** EE7400 - Information Theory **STUDENT REC TITLE:** Information Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of communication channel model and use of information theory as means of quantifying that model. Investigation of various error correcting and detecting codes. The popular Viterbi coding algorithm is also covered. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7610 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 761

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
980 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE741 - Power Semiconductor Devices **STUDENT REC TITLE:** Power Semiconductor Dev **EFFECTIVE:** Winter 2010 **COURSE DESC:** General-purpose, fast-recovery, and Schottky diodes; performance parameters: power BJTs, MOSFETs, and MOSIFTs; static and dynamic characteristics, drivers, pulse transformers, and optocouples; thyristor characteristics, SGR, and GTO parameters; cooling, snubbers, voltage and current protection, and varistors. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7410 - Power Electronics I **STUDENT REC TITLE:** Power Electronics I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Silicon and silicon carbide power devices; Fast-recovery, ultra-fast-recovery, and p-n junctions and Schottky power diodes; performance parameters; Power MOSFETs and IGBTs; static and dynamice characteristics; voltage and current stress; Pulse-width modulated (PWM) DC-DC power converts: topologies of power stages of power converters, such buck-boost, flyback, forward, half bridger, full-bridge, and push-pull power stages. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7410L SPC FEE: Egr&Comp Science Fee (1600), $90

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
981 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** EE7410L - Power Electronics I Laboratory **STUDENT REC TITLE:** Power Electronics I Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Silicon and silicon-carbide p-n-junction and Schottky power diodes, power MOSFETs, maximum current and breakdown voltage, power stages of PWM converters **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7410

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
983 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE742 - Power Electronics II **STUDENT REC TITLE:** Power Electronics II **EFFECTIVE:** Winter 2010 **COURSE DESC:** AC-to-DC converters, natural and forced thyristor commutations, controlled rectifiers, power factor improvements, static AC and DC switches, AC voltage controllers, output harmonic reduction, DC choppers, characteristics of DC-to-AC inverters, PWM and FM control. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 741
	VERSION: REV **COURSE:** EE7420 - Power Electronics II **STUDENT REC TITLE:** Power Electronics II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Modeling, linearization, and control of open-loop power stages of PWM DC-DC power converters, voltage-mode and current mode control techniques of PWM power converters, DC and AC, steady-state, and transient performance of open-loop and closed-loop power converters. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7420L SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 741

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
984 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** EE7420L - Power Electronics II Laboratory **STUDENT REC TITLE:** Power Electronics II Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Simulation of models of power stages of DC-DC PWM power converts, open-loop performance of power converters, closed loop power converters. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7420

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8780 **STATUS:** Process **CREATOR:** Marie Donohue **CREATED:** 4/5/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** REV **COURSE:** EE7430 - High Frequency Magnetic Components **STUDENT REC TITLE:** HF Magnetic Components **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will cover topics in the area of high-frequency power magnetic components, such as inductors and transformers. Concepts that will be studied: such as complex permeability, eddy currents, skin effect, proximity effect, winding losses, Dowells equation, core losses, self-capacitance, area-product method, core-geometry method, integrated inductors. Optimization of conductor dimensions will be performed. Design procedures of high-frequency inductors and transformers will be presented. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of EGR & Computer Science. COREQ: EE 7430L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8782 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 4/6/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** REV **COURSE:** EE7430L - High Frequency Magnetic Components Lab **STUDENT REC TITLE:** HF Mag Components Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory exercises related to the fundamental concepts of high-frequency power magnetic components will be covered in this course. Computer simulations of magnetic field, current density, and power loss density distributions due to skin and proximity effects in inductor and transformer winding conductors at high frequencies will be performed. Simulations of hysteresis and eddy current losses in magnetic cores will done. Evaluations of performance of integrated inductors will be performed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of EGR & Computer Science. COREQ: EE 7430

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
986 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE744 - RF Power Amplifiers **STUDENT REC TITLE:** RF Power Amplifiers **EFFECTIVE:** Winter 2010 **COURSE DESC:** The course covers the fundamental theory of radio frequency (RF) power amplifiers and their applications in wireless communications, radars, and radio and TV broadcasting. RF power passive and active devices are discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 631
	VERSION: REV **COURSE:** EE7440 - RF Power Amplifiers **STUDENT REC TITLE:** RF Power Amplifiers **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course covers the fundamental theory of radio frequency (RF) power amplifiers and their applications in wireless communications, radars, and radio and TV broadcasting. RF power passive and active devices are discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7440L SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: EE 631

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
987 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** EE7440L - RF Power Amplifiers Laboratory **STUDENT REC TITLE:** RF Power Amplifiers Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required lab for EE 7440 **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Science COREQ: EE 7440

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
988 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE747 - Electromagnetic Simulation Methods II: MoM **STUDENT REC TITLE:** EM Simul Methods II: MoM **EFFECTIVE:** Winter 2010 **COURSE DESC:** Wave equation and integral formulations for electromagnetic (EM) problems. Methods of moments (MoM) and its implementation. Application of one- and two-dimensional EM problems. Comparison with the finite element method. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 546
	VERSION: REV **COURSE:** EE7470 - Electromagnetic Simulation Methods **STUDENT REC TITLE:** EM Simulation Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Direct solution of Maxwell's differential equations in the time domain using the finite-difference time-domain (FTDT) method. Absorbing boundary conditions and waveguide or plane wave excitation methods. Application to the solution of problems relevant to radiation, radar cross section (or scattering) and microwave circuit design. Wave equation and integral implementation. Application of one-and two-dimensional EM problems. Comparison with the finite element method. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 546

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
990 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** REV **COURSE:** EE7480 - Advanced Microwave Engineering **STUDENT REC TITLE:** Adv Microwave Eng **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts and fundamental principles of advanced high speed electronic devices operating at frequencies greater than 1 GHz, including MESFET, HEMT, RF MOSFET, HBT, and carbon electronics. Models and discussions of semiconductor devices fabricated in a variety of material systems, such as strained Si, III-V compound semiconductors, Si-Ge, CNT and graphene. A description of advanced optoelectronic devices including light-emitting diodes, semiconductor lasers and photovoltaic systems (solar cell). **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
991 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE752 - VLSI Subsystem Design **STUDENT REC TITLE:** VLSI Subsystem Design **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as CEG 752.) CMOS VLSI subsystems including data path operators, counters, multipliers, memory elements, and programmable logic arrays. VLSI circuits for FIR and IIR filters. VLSI circuits for digital data exchange systems. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 654 or Graduate level CEG 654
	VERSION: REV **COURSE:** EE7520 - Low Power VLSI System Design **STUDENT REC TITLE:** Low Pwr VLSI Sys Des **EFFECTIVE:** Fall 2012 **COURSE DESC:** CMOS VLSI subsystems and low-power subsystems design. Includes data path operators for FIR and IIR filter design: counters, high-speed adders, multipliers, and memory elements. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7520L XLIST: CEG 7020 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 654 or Graduate level CEG 654

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
992 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** EE752L - VLSI I Laboratory **STUDENT REC TITLE:** VLSI I Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 752. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7520L - Low Power VLSI System Design Laboratory **STUDENT REC TITLE:** Low Pwr VLSI Sys Des Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required lab for EE 7520. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7520 XLIST: CEG 7020L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
993 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE753 - VLSI Design Synthesis and Optimization **STUDENT REC TITLE:** VLSI Synthesis/Optimiz **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as CEG 753.) VLSI architectural-level synthesis and optimization including data path synthesis, control-units synthesis, scheduling, and resource sharing. Logic-level synthesis and optimization including two-level and multi-level combinational logic optimization, and sequential logic optimization. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 459 or CEG 459
	VERSION: REV **COURSE:** EE7530 - VLSI Design Synthesis and Optimization **STUDENT REC TITLE:** VLSI Des Synth Optim **EFFECTIVE:** Fall 2012 **COURSE DESC:** VLSI Synthesis and optimization including data path synthesis, glue logic synthesis control-unit synthesis, and resource sharing. Covers behavioral level to layout level synthesis and corresponding algorithms. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7530L XLIST: CEG 7030 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: EE 459 or CEG 459

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
994 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** EE753L - VLSI Design Synthesis and Optimization Lab **STUDENT REC TITLE:** VLSI Synthes/Optimiz Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 753. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7530L - VLSI Design Synthesis and Optimization Laboratory **STUDENT REC TITLE:** VLSI Des Synth Optim Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required laboratory for EE 7530. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7530 XLIST: CEG 7030L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
995 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE754 - VLSI Testing and Design for Testability **STUDENT REC TITLE:** VLSI Testing/Testability **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as CEG 754.) Design for testability of VLSI circuits. Topics include importance of testing, conventional test methods, built-in test, CAD tools for evaluating testability, test pattern generators and compressors. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 654 or Graduate level CEG 654 or Graduate level EE 752 or Graduate level CEG 752
	VERSION: REV **COURSE:** EE7540 - VLSI Testing and Design for Testability **STUDENT REC TITLE:** VLSI Testing Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Design for testability of VLSI circuits. Topics include importance of testing, conventional test methods, built-in test, CAD tools for evaluating testability, test pattern generators and compressors; and test for mixed-signal systems and systems-on-a-chip (SOC). **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7540L XLIST: CEG 7040 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 654 or Graduate level CEG 654 or Graduate level EE 752 or Graduate level CEG 752

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
996 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** EE754L - VLSI Testing and Design for Testability Lab **STUDENT REC TITLE:** VLSI Test/Testability Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 754. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7540L - VLSI Testing and Design for Testability Laboratory **STUDENT REC TITLE:** VLSI Testing Design Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required laboratory for EE 7540. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7540 XLIST: CEG 7040L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8749 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 3/29/12 **APPROVED:** 4/16/12 WorkFlow	**VERSION:** REV **COURSE:** EE7550 - Trust in Integrated Circuit Design **STUDENT REC TITLE:** Trust Integ Ckt Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will cover topics in "Trust for Integrated Circuit Design." We will explore the problem of Trust at each level of the Integrated circuit design process, form high level simulation all the way to layout, fabrication, and packaging. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled inoneo f the following colleges: College of EGR & Computer Science

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
997 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** EE756 - Robotics I **STUDENT REC TITLE:** Robotics I **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as CEG 756 and ME 756.) Detailed study of the dynamics and control of robotic systems and robot programming languages and systems. Material covered includes rigid-body dynamics; linear, nonlinear, adaptive, and force control of manipulators; and robot programming languages. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 656 or Graduate level CEG 656 or Graduate level ME 656
	VERSION: REV **COURSE:** EE7560 - Advanced Robotics **STUDENT REC TITLE:** Advanced Robotics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Detailed study of the dynamics and control of robotic systems and robot programming languages and systems. Material covered includes rigid-body dynamics; linear, nonlinear, adaptive, and force control of manipulators; and robot programming languages. Sensors, low-level and higher level vision techniques, task planning including obstacle avoidance and artificial intelligence and expert systems as applied to robotic systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: EE4560, EE 6560, CEG 4230, CEG 6230, ME 4260 or ME 6260 COREQ: EE 7560L XLIST: CEG 7060 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 656 or Graduate level CEG 656 or Graduate level ME 656

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
998 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** EE756L - Robotics Laboratory **STUDENT REC TITLE:** Robotics Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 756. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** EE7560L - Advanced Robotics Laboratory **STUDENT REC TITLE:** Advanced Robotics Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required laboratory for EE 7560. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7560 XLIST: CEG 7060L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
999 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE758 - CMOS Analog Integrated Circuit Design **STUDENT REC TITLE:** CMOS Analog IC Design **EFFECTIVE:** Winter 2010 **COURSE DESC:** (Also listed as CEG 758.) Introduction to the techniques, limitations, and problems in the design of CMOS analog integrated circuits. Topics include CMOS analog circuit modeling and device characterization, analog CMOS subcircuits, CMOS amplifiers, comparators, and CMOS Op Amps. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 654 or Graduate level EE 752
	VERSION: REV **COURSE:** EE7580 - CMOS Mixed Signal IC Design **STUDENT REC TITLE:** CMOS Mxd Sig IC Des **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the techniques, limitations, and problems in the design of CMOS analog integrated circuits. Topics include CMOS analog circuit modeling and device characterization, analog CMOS subcircuits, CMOS amplifiers, CMOS comparators, and CMOS Op Amps, CMOS Analog to Digital Converters, and CMOS Digital to Analog Converters, and Switched Capacitor Circuits. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7580L XLIST: CEG 7080 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: Graduate level EE 654 or Graduate level EE 752

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1001 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** EE758L - CMOS Analog Integrated Circuit Design Laboratory **STUDENT REC TITLE:** CMOS Analog IC Des Lab **EFFECTIVE:** Winter 2010 **COURSE DESC:** Required laboratory for EE 758. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7580L - CMOS Mixed Signal IC Design Laboratory **STUDENT REC TITLE:** CMOS Mxd Sig IC Des Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required lab for EE 7580. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7580 XLIST: CEG 7080L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1002 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE759 - CMOS Radio Frequency Integrated Circuit Design **STUDENT REC TITLE:** CMOS Radio Freq Circ Design **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to the design of Radio Frequency Integrated Circuits using CMOS technology. Topics include noise sources in RF Integrated Circuits, low noise RF amplifiers, RF mixers, RF oscillators and synthesizers and phase lock loops. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EE 758
	VERSION: REV **COURSE:** EE7590 - CMOS Radio Frequency Integrated Circuit Design **STUDENT REC TITLE:** CMOS RF IC Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the design of Radio Frequency Integrated Circuits using CMOS technology. Topics include S-parameters, noise sources in RF Integrated Circuits, low noise RF amplifiers, RF mixers, RF oscillators and synthesizers, phase lock loops and phase noise. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7580 or CEG 7580 COREQ: EE 7590L SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: EE 758

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1003 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** EE7590L - CMOS Radio Frequency Integrated Circuit Design Laboratory **STUDENT REC TITLE:** CMOS RF IC Design Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Required lab for EE 7590. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci COREQ: EE 7590

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1004 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE761 - Random Processes **STUDENT REC TITLE:** Random Processes **EFFECTIVE:** Winter 2010 **COURSE DESC:** Probability and random variable, distributions and density functions, random processes, strict-sense and wide-sense stationarity, auto-correlation and power spectral density, ergodicity, response of linear systems with stochastic inputs, discrete linear models, and Gaussian processes. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7610 - Random Processes **STUDENT REC TITLE:** Random Processes **EFFECTIVE:** Fall 2012 **COURSE DESC:** Probability and random variable, distributions and density functions, random processes, strict-sense and wide-sense stationarity, auto-correlation and power spectral density, ergodicity, response of linear systems with stochastic inputs, discrete linear models, and Gaussian processes. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SPC FEE: Egr&Comp Science Fee (1600), $90

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1005 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE762 - Detection, Estimation, and Optimal Filter Theory **STUDENT REC TITLE:** Detec, Est & Opt Filt Thry **EFFECTIVE:** Winter 2010 **COURSE DESC:** Binary detection with single/multiple observations, linear minimum mean-square error filtering: Wiener and Kalman filters, MLE and MAP estimators, histogram, tests of hypotheses, regression analysis, model-free and model-based parameter estimation of random processes. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 761
	VERSION: REV **COURSE:** EE7620 - Detection, Estimation, and Optimal Filter Theory **STUDENT REC TITLE:** Det Est Opt Filt Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Binary detection with single/multiple observations, linear minimum mean-square error filtering: Wiener and Kalman filters, MLE and MAP estimators, histogram, tests of hypotheses, regression analysis, model-free and model-based parameter estimation of random processes. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7610 SPC FEE: Egr&Comp Science Fee (1600), $67.5 QTR PREREQ: Graduate level EE 761

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1006 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 12/11/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE763 - Classical and Modern Spectral Analysis **STUDENT REC TITLE:** Cls & Mod Spectral Analy **EFFECTIVE:** Winter 2010 **COURSE DESC:** Linear and matrix algebra, periodgram and Blackman-Tukey estimators, moving average, auto regressive and auto-regressive moving-average methods, fast techniques, statistics of estimators, model order selection, and minimum variance and high-resolution techniques. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level EE 761
	VERSION: REV **COURSE:** EE7630 - Stochastic Signal Processing **STUDENT REC TITLE:** Stochastic Signal Proc **EFFECTIVE:** Fall 2012 **COURSE DESC:** Processing, techniques for stochastic signals. Parametric and nonparametric spectral estimation. Introduction to adaptive systems, to adaptation with stationary signals, and to adaptive algorithms and structures. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate level EE 7620 SPC FEE: Egr&Comp Science Fee (1600), $67.5 QTR PREREQ: Graduate level EE 761

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3677 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 6/7/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE890 - Special Problems in Electrical Engineering **STUDENT REC TITLE:** Special Problems in EE **EFFECTIVE:** Fall 2010 **COURSE DESC:** Special problems in advanced engineering topics. Titles vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7900 - Independent Study in Electrical Engineering **STUDENT REC TITLE:** Independent Study in EE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Individual studies in advanced engineering topics. Titles vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3675 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 6/7/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE899 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2010 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE7990 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3678 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 6/7/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE880 - Selected Topics in Systems Engineering **STUDENT REC TITLE:** Select Topics in Sys EE **EFFECTIVE:** Fall 2010 **COURSE DESC:** Selected topics in current research and recent developments in systems theory and engineering. Titles vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE8000 - Selected Topics in Electrical Engineering **STUDENT REC TITLE:** Select Topics in EE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Recent developments in Electrical Engineering and related fields. Titles vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3676 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 6/7/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** EE898 - PhD Dissertation Research **STUDENT REC TITLE:** PhD Dissertation Research **EFFECTIVE:** Fall 2010 **COURSE DESC:** Research on the Ph.D. dissertation topic. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EE8990 - PhD Dissertation **STUDENT REC TITLE:** PhD Dissertation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research on the Ph.D. dissertation topic. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 60 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7035 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 1/25/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES360 - Water Quality and Treatment **STUDENT REC TITLE:** Water Quality & Treatment **EFFECTIVE:** Spring 2011 **COURSE DESC:** Relationship of physical and biotic environments to design and operation of systems and procedures employed in maintenance and promotion of a quality, healthful human environment. Emphasis on water quality control and waste disposal methods. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR EQUIV: EES 564
	VERSION: CURR **COURSE:** EES564 - Solid & Hazardous Waste Management **STUDENT REC TITLE:** Solid & Haz Waste Mgt **EFFECTIVE:** Spring 2011 **COURSE DESC:** Examines the fundamentals of solid, infectious, and hazardous waste management. Topics covered include regulatory history, regulatory processes, environmental audits, requirements for waste generators, transporters, treatment/storage/disposal facilities, and pollution prevention concepts. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EES 564
	VERSION: REV **COURSE:** EES5600 - Water, Wastewater, and Solid Waste **STUDENT REC TITLE:** Water and Solid Waste **EFFECTIVE:** Fall 2012 **COURSE DESC:** Relationship of physical and biotic environments to design and operation of systems and procedures employed in maintenance and promotion of a quality, healthful human environment. Emphasis on water quality control and methods and management of waste disposal. Topics covered include regulatory history, regulatory processes, environmental audits, requirements for water and waste generators, transporters, treatment/storage/disposal facilities, and pollution prevention concepts. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: In the conversion of EH courses to EES, the course EES 560 was

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7035 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 1/25/11 **APPROVED:** 2/24/11 WorkFlow	inadvertently left out. The current catalog has no entry for EES 560 but the description of EES 360 is equivalent. This is included on the Workflow form. XLIST: EES 3600 QTR EQUIV: EES 564

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6550 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES562 - General Environmental Health **STUDENT REC TITLE:** General Environmental Health **EFFECTIVE:** Winter 2011 **COURSE DESC:** Relationships of physical/chemical/biotic environments to design/operation of systems and procedures employed in maintenance/promotion of quality, healthful human environments. Emphasized: food/dairy sanitation, solid waste, institutional/housing/recreational sanitation, and vector control. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: None
	VERSION: REV **COURSE:** EES5620 - General Environmental Health **STUDENT REC TITLE:** General Environ Health **EFFECTIVE:** Fall 2012 **COURSE DESC:** Relationship of physical/chemical/biotic environments to design/operation of systems and procedures employed in maintenance/promotion of quality, healthful human environments. Emphasized: food/dairy sanitation; solid waste; institutional/ housing/recreational sanitation; and vector control. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: None XLIST: EES 3620 QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6552 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES568 - Hazardous Materials Health and Safety **STUDENT REC TITLE:** Haz Waste Oper & Emerg Resp **EFFECTIVE:** Winter 2011 **COURSE DESC:** Covers the operation of managing hazardous materials and emergency response in the workplace or at spills or at hazardous waste sites. Satisfies OSHA 40 hour training requirements in 29 CFR 1910.120. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none
	VERSION: REV **COURSE:** EES5680 - Hazardous Waste Operation & Emergency Response **STUDENT REC TITLE:** Hazardous Waste **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers the operation of managing hazardous materials and emergency response in the workplace or at spills or hazardous waste sites. Satisfies OSHA training requirements No. 29 CFR 1910.120. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 3680 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6553 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES570 - Hazwoper Refresher **STUDENT REC TITLE:** Hazwoper Refresher **EFFECTIVE:** Winter 2011 **COURSE DESC:** Refresher training covering management of hazardous materials and emergency response in the workplace or at spills or hazardous waste sites. Satisfies OSHA 8 hour refresher training requirements in 29 CFR 1910.120. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none
	VERSION: REV **COURSE:** EES5700 - HAZWOPER Refresher **STUDENT REC TITLE:** HAZWOPER Refresher **EFFECTIVE:** Fall 2012 **COURSE DESC:** Refresher training covering management of hazardous materials and emergency response in the workplace or at spills or hazardous waste sites. This course satisfies the requirements for 8 hours of refresher training specified under OSHA 29 CFR 1910.120. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 3700 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7566 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 3/3/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** GL599 - Special Problems **STUDENT REC TITLE:** Special Problems **EFFECTIVE:** Spring 2011 **COURSE DESC:** Research and problems designed for specific needs and talents of the students. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: GL 599
	VERSION: REV **COURSE:** EES5990 - Special Problems in Earth and Environmental Sciences **STUDENT REC TITLE:** Spec Probs Earth Env Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research and problems designed for specific needs and talents of students at the graduate level. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0.5 - 5 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None QTR PREREQ: None QTR EQUIV: GL 599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7394 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 2/10/11 **APPROVED:** 3/14/11 WorkFlow	**VERSION:** REV **COURSE:** EES6010 - Topics in Earth and Environmental Science **STUDENT REC TITLE:** Topics Earth & Env Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced topics of current interest in the earth and environmental sciences presented in lecture format. Topics vary but are expected to be appropriate for graduate students. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0.5 - 5 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: This course will be offered when there is sufficient interest in a topic not covered by an existing course. It differs from EES 6260, which is restricted to topics offered in seminar format, and EES 6990, which is restricted to independent studies. Whether or not a particular offering can be counted toward a students degree requirements will be determined by the students advisory committee and specified by that sections title on the Program of Study. SEM PREREQ: None QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7740 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 4/25/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** GL607 - Earth Science by Inquiry **STUDENT REC TITLE:** Earth Science by Inquiry **EFFECTIVE:** Summer 2011 **COURSE DESC:** The sources and forms of energy operating on the earth and the effects of these operations on the origin, history, and evolution of the earth. 3 hours lecture, 3 hours lab. This course cannot be applied toward the M.S. degree in Geology. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 607
	VERSION: REV **COURSE:** EES6050 - Earth Science Concepts for Educators **STUDENT REC TITLE:** Earth Sci Concept for Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is an introductory survey of the earth sciences, from rocks and minerals, through plate tectonics, geologic time, oceanography and meteorology, to planetary science. Lecture is interspersed with hands-on activities intended to reinforce concepts and to provide the students with ideas for teaching their own classes. Students will also develop lesson plans on several topics. **COLLEGE:** College of Science & Math **CRED HR:** 3.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 607

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7969 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 8/2/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6060 - Earth Systems for Educators **STUDENT REC TITLE:** Earth Sys for Educators **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course investigates the processes that impact the Earth system such as volcanic eruptions, global climate change and ice ages and the resulting interactions between air, land, water and life in the Earth system. **COLLEGE:** College of Science & Math **CRED HR:** 3.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: This course will be cross listed with EES 3460. When I insert this information, it is not shown. SEM PREREQ: none QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7695 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 4/6/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6120 - Earth Materials **STUDENT REC TITLE:** Earth Materials **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an understanding of the minerals and rocks that make up the solid earth, their significance and uses. Based upon the rock cycle the materials studied include the rock-forming minerals as well as their weathered products. The laboratory focuses upon the identification and classification of minerals and rocks in hand specimen. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: EES 3120 QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7946 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 7/28/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** GL683 - Sedimetnary Petrology **STUDENT REC TITLE:** Sedimetnary Petrology **EFFECTIVE:** Fall 2011 **COURSE DESC:** Introduction to the optical properties of common minerals. Survey of sedimentary rocks in hand specimen, thin section, and field occurrence. 3 hours lecture, 3 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 683
	VERSION: REV **COURSE:** EES6140 - Sedimetnary Petrology **STUDENT REC TITLE:** Sedimetnary Petrology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Optical properties of common minerals. Survey of sedimentary rocks in hand sample, thin section and field occurrence **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: EES 3140 QTR EQUIV: GL 683

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7961 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 8/1/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** GL615 - Global Change for Teachers **STUDENT REC TITLE:** Global Change for Tchrs **EFFECTIVE:** Fall 2011 **COURSE DESC:** Analysis of the impact of geologic phenomena (earthquakes, volcanoes, sea-level changes etc.) on the earth's atmosphere, lithosphere, biosphere, and hydrosphere; development of classroom applications in earth system science. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching QTR EQUIV: GL 615
	VERSION: REV **COURSE:** EES6150 - Global Change for Teachers **STUDENT REC TITLE:** Global Change for Tchrs **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to Earth systems, using modules that are based on environmental events such as volcanic eruptions, hurricanes, and climate change. An online laboratory component allows students to see how scientists use real time data sets to understand Earth systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 615

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7345 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** GL685 - Stratigraphy **STUDENT REC TITLE:** Stratigraphy **EFFECTIVE:** Spring 2011 **COURSE DESC:** Principles, rules, and techniques of correlation. Relationships between surface and subsurface correlation. Geologic and geophysical correlation techniques are emphasized in the laboratory. 3 hours lecture, 3 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 685
	VERSION: CURR **COURSE:** GL687 - Sedimentology **STUDENT REC TITLE:** Sedimentology **EFFECTIVE:** Spring 2011 **COURSE DESC:** Clastic rocks, their mineralogy, texture, provenance, and classification; nonclastic carbonates and other nonclastic rocks; and depositional environments and sedimentary structures. 3 hours lecture, 2 hours lab. Completion of an undergraduate course in stratigraphy is required. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 685
	VERSION: REV **COURSE:** EES6160 - Stratigraphy & Sedimentology **STUDENT REC TITLE:** Stratigraphy & Sed. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Clastic and carbonate sedimentary rocks, their mineralogy, texture, provenance, and classification. Principles, rules, and geologic and geophysical correlation techniques. Fluid flow sediment transport and depositon, sedimentary structures, and depositional environments. Three hours lecture, two hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: This course combines quarter courses GL 685 and 687.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7345 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	This course will be cross listed with EES 3160. SEM PREREQ: EES 6120 Earth Materials QTR EQUIV: GL 685

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7304 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 2/4/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6170 - Field & Laboratory Studies of Coastal Processes **STUDENT REC TITLE:** Coastal Processes **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course is primarily designed for in-service educators. It serves as an introduction to the seashore and ocean system, and the range of possibilities for teaching inquiry-based science that this venue offers. Topics include: the origin of ocean basins, sediment, the chemistry and physics of water, tides, the biology of selected sub-environments and oceans and the Earth system. The course is organized around a four-day field trip and a pre and post trip class meeting. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate level only. SEM PREREQ: None QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3539 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 5/28/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** EES6190 - Paleobiology **STUDENT REC TITLE:** Paleobiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Paleobiology emphasizes fossils as organisms that provide information; on the origin of higher taxa, speciation, genealogical relatedness of all life, transformation of species, and macroevolutionary trends, as well as the response, over geological time, of Earths biota to environmental, ecological, and geographical changes. Paleobiology also emphasizes the role that fossil organisms play in reconstructing past environments and global paleogeography. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 XLIST: EES 4190

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4462 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 8/11/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** REV **COURSE:** EES6200 - Micropaleontology **STUDENT REC TITLE:** Micropaleontology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Understand the origination, evolution, and diversity of microfossil organisms. The utilization of microfossils are as biostratigraphic indicators, and their role in interpreting the geologic history of the Earth. Paleoecological and paleoenvironmental reconstruction using specific microfossil organisms. Microfossils as indicators of metamorphism **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 XLIST: EES 4200

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6674 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 12/6/10 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** GL611 - Structural Geology **STUDENT REC TITLE:** Structural Geology **EFFECTIVE:** Spring 2011 **COURSE DESC:** Geometry of the structural features of rocks, their geographic distribution, and possible causes. 3 hours lecture, 3 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: GL 611
	VERSION: REV **COURSE:** EES6210 - Structural Geology and Tectonics **STUDENT REC TITLE:** Struct Geol & Tectonics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the three-dimensional distribution of rock units. Deformational structures such as folds, faults, joints, cleavage, foliation, and lineation and their superposition are used to unravel the history of deformation, and ultimately to understand the stress fields that produced the observed strain and structures. Tectonics is the structural evolution of regional patterns of deformation at the scale of mountain ranges. Lecture/lab combined; 4 credit hours **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: EES 4210 QTR PREREQ: None QTR EQUIV: GL 611

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4464 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 8/11/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** REV **COURSE:** EES6220 - Introduction to Geophysics **STUDENT REC TITLE:** Intro to Geophysics **EFFECTIVE:** Fall 2012 **COURSE DESC:** In Introduction to Geophysics students learn the methods and concepts of practical exploration geophysics. We deal with the five main methods of exploration: seismic refraction, seismic reflection, gravity methods, electrical methods, and magnetic methods. The lectures are put into practice during Saturday field work in the vicinity of the campus to characterize the near surface. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 XLIST: EES 4220

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7351 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 2/7/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** GL610 - Oceanography **STUDENT REC TITLE:** Oceanography **EFFECTIVE:** Spring 2011 **COURSE DESC:** Fundamentals of oceanography for students with an understanding of scientific principles. The course includes content that is needed by earth science teachers. Students will use the Internet and some basic computer applications. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 610
	VERSION: REV **COURSE:** EES6230 - Introduction to the Ocean **STUDENT REC TITLE:** Intro to the Ocean **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course covers the fundamental principles and processes of oceanography for students with background in geology but not oceanography. The content is general but the emphasis is toward the needs of Earth Science teachers. The student will need to be able to use the Internet and some basic computer tools such as Word and Excel. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6537 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/10/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** EES6240 - Oceanography **STUDENT REC TITLE:** Oceanography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the interrelated geology, physics, chemistry, and biology of the ocean. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 4240 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3986 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 6/24/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** EES6250 - Climate Change **STUDENT REC TITLE:** Climate Change **EFFECTIVE:** Fall 2012 **COURSE DESC:** This lecture course deals with the causes and variations of temperature and precipitation patterns over tens to millions of years, the mechanisms that drive them: air pollution, orbital and solar variation, plate tectonics, etc. It includes the nature of evidence for previous climatic conditions and the bases for predictions of future climate change. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 XLIST: EES 3250

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6988 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 1/25/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** GL626 - Geophysics Seminar **STUDENT REC TITLE:** Geophysics Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** Literature survey and student presentations on selected topics in geophysics. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none QTR EQUIV: GL 626
	VERSION: REV **COURSE:** EES6260 - Earth & Environmental Sciences Seminar **STUDENT REC TITLE:** EES Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exposes students to selected research topics by reading and discussing, as a group, journal articles, book chapters, and research abstracts in earth and environmental sciences. Occasional lectures are presented by faculty or invited researchers. Students may give presentations prepared for professional meetings to the seminar for feedback and evaluation. Students conducting research may present their work in progress. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0.5 - 2 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 12 REP TIMES: 6 RESTRICTION: Graduate Level SEM PREREQ: none XLIST: EES 4260 QTR PREREQ: none QTR EQUIV: GL 626

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6621 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/29/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** GL628 - Geology Colloquium **STUDENT REC TITLE:** Geology Colloquium **EFFECTIVE:** Spring 2011 **COURSE DESC:** Selected geological topics discussed by students, guest speakers, and faculty. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: GL 628
	VERSION: REV **COURSE:** EES6280 - Earth and Environmental Sciences Colloquium **STUDENT REC TITLE:** EES Colloquium **EFFECTIVE:** Fall 2012 **COURSE DESC:** A weekly seminar in which research scientists from within and from outside the Department of Earth and Environmental Sciences present their research. Class normally meets once a week for one hour. **COLLEGE:** College of Science & Math **CRED HR:** 0.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 3 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: EES 4280 QTR PREREQ: None QTR EQUIV: GL 628

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4467 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 8/11/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** REV **COURSE:** EES6290 - Remote Sensing of Earth **STUDENT REC TITLE:** Remote Sensing of Earth **EFFECTIVE:** Fall 2012 **COURSE DESC:** In Remote Sensing and Digital Image Processing students learn the methods and concepts of remote sensing from an Earth Sciences perspective. Students learn to interpret various types of images including stereo air photos, airborne multi-spectral digital images and satellite images. Hands-on digital image processing is conducted using industry standard software. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 XLIST: EES 4290

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4468 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 8/11/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** REV **COURSE:** EES6300 - Environ Apps of GIS **STUDENT REC TITLE:** Environ Apps of GIS **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the concepts, terminology, data models, and analytical functions of Geographic Information System; availability and processing of digital data; application of GIS as a mapping tool; spatial analysis of environmental and geologic problems. ESRIs ArcGIS is used for hands-on exercises and an independent mapping project with comprehensive coverage. Three hours lecture and two hours lab are combined. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 XLIST: EES 4300

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7962 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 8/1/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6310 - Standard Methods of Biogeochemical Analysis **STUDENT REC TITLE:** Biogeochemical Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles and practices of analytical procedures and instruments critical to biogeochemical research. QA/QC procedures. Use and maintenance of field and laboratory instruments including multi-parameter sonde, spectrophotometer, ion chromatograph, and gas chromatograph. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: This course will be cross listed with EES 4310. When I input this information on the form, it does not appear. SEM PREREQ: none QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7964 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 8/2/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6320 - Environmental Microbiology **STUDENT REC TITLE:** Env Micriobiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines how microorganisms interact with abiotic resources to affect natural and human-created systems, using a multidisciplinary approach drawing on tools from microbiology, aquatic chemistry, soil science, limnology and oceanography, analytical chemistry, ecology, geology, and biochemistry. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled on one of the following Levels: Graduate SEM PREREQ: none XLIST: EES 4320 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7965 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 8/2/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6330 - Global Biogeochemical Cycles **STUDENT REC TITLE:** Global Biogeochem Cycles **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines how elements cycle through and between the biosphere, hydrosphere, lithosphere, and atmosphere, and related environmental issues such as global change, aquatic nutrient pollution, and acid rain. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled on one of the following Levels: Graduate SEM PREREQ: none XLIST: EES 4330 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7696 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 4/6/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6340 - Mapping Methods **STUDENT REC TITLE:** Mapping Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course teaches the key basic skills of mapping and measurement with a Brunton compass as applied to field studies in the earth and environmental sciences. Key skills include pace & compass traverse mapping, triangulation, bearing and reverse bearings, measurement of lines and planes. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: EES 4340 QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7949 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 7/28/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** GL634 - Field Geology (Summer Field Camp) **STUDENT REC TITLE:** Field Geology **EFFECTIVE:** Fall 2011 **COURSE DESC:** Geologic phenomena illustrated in the field. Introduction of mapping techniques and the application of many geologic disciplines to geologic analysis. **COLLEGE:** College of Science & Math **CRED HR:** 9 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 634
	VERSION: REV **COURSE:** EES6350 - Field Mapping **STUDENT REC TITLE:** Field Mapping **EFFECTIVE:** Fall 2012 **COURSE DESC:** Geologic phenomena studied and mapped in the field. Mapping techniques are utilized in a series of areas of increasing complexity. Standard methods are utilized for observing, describing, interpreting and mapping rock units and their structure. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: GL 634 is being replaced by three courses: EES 6340 (2 credit hours), EES 6350 (2 credit hours) and EES 6350 (2 credit hours). XLIST: EES 4350 QTR EQUIV: GL 634

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6917 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 1/20/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** EES6360 - Environmental Field Techniques **STUDENT REC TITLE:** Env Field Tech **EFFECTIVE:** Fall 2012 **COURSE DESC:** A lecture and field practice course examining the principles of monitoring environmental water quality, including lake, river, groundwater, and related issues. Theoretical considerations are lectured before field practices, which include monitoring system design, well design for various monitoring purposes, sampling protocol, and sample preservation, and monitoring and sampling at field sites, which include groundwater, lake, and river **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: EES 4360

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8009 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 9/19/11 **APPROVED:** 10/17/11 WorkFlow	**VERSION:** CURR **COURSE:** GL637 - Subsurface Digital Imaging and Processing **STUDENT REC TITLE:** Subsurf Dig Imag & Proces **EFFECTIVE:** Fall 2011 **COURSE DESC:** Digital processing and visualization of seismic reflection and ground penetrating radar data. 2 hours lecture, 4 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: GL 622 QTR EQUIV: GL 637
	VERSION: REV **COURSE:** EES6370 - Seismic Reflection Digital Imaging and Processing **STUDENT REC TITLE:** Seismic Processing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students learn the theory and practice of computer processing of seismic reflection data. Every step in this technology is taught including seismic data formats, seismic data manipulation, filtering, velocity analysis, stacking and migration. We deal with both land and marine data. The student has hands-on experience with industry-standard software packages. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: This course will be cross listed with EES 4370. When I enter this information, it does not appear. SEM PREREQ: EES 6220 QTR PREREQ: GL 622 QTR EQUIV: GL 637

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8044 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 10/18/11 **APPROVED:** 12/7/11 WorkFlow	**VERSION:** CURR **COURSE:** GL638 - Seismic Interpretation **STUDENT REC TITLE:** Seismic Interpretation **EFFECTIVE:** Winter 2012 **COURSE DESC:** Interpretation methods for seismic reflection data are studied with emphasis on structural and stratigraphic interpretation for petroleum traps. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: GL 622 QTR EQUIV: GL 638
	VERSION: REV **COURSE:** EES6380 - Seismic Interpretation **STUDENT REC TITLE:** Seismic Interpretation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students learn the theory and practice of seismic reflection data interpretation. Principles of seismic reflection data interpretation, as well as pitfalls, are examined in the context of both structural styles and stratigraphic settings. The student will gain hands-on experience with industry standard software packages. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: This course will be cross listed with EES 4380. I tried to specify this in the form but it does not appear. SEM PREREQ: EES 6220 QTR PREREQ: GL 622 QTR EQUIV: GL 638

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7697 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 4/6/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6400 - Glacial Landforms **STUDENT REC TITLE:** Glacial Landforms **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is a field trip course examining the landforms, processes, and deposits associated with Pleistocene continental glaciation, as well as subsequent post-glacial modifications. The trip traverses from Dayton, Ohio, to the Fingerlakes region of central New York. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: EES 4400 QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7698 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 4/6/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6410 - Physical Geology and Natural History of Ohio **STUDENT REC TITLE:** Phy Geol Nat Hist Ohio **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is a field trip course examining the landforms, processes, and deposits associated with Pleistocene continental glaciation, as well as subsequent post-glacial terrain modification. The course involves 1 day of lecture/lab and 4 one-day thematic field trips. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: EES 4410 QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4472 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 8/11/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** REV **COURSE:** EES6420 - Paleobio of Paleo Vert/Plants **STUDENT REC TITLE:** Paleo of Vert/Plants **EFFECTIVE:** Fall 2012 **COURSE DESC:** The rise and evolution of Paleozoic vertebrate and plant groups with an emphasis on the evolution of jawed fishes, early tetrapods, and the terrestrialization of Earth. Phylogenetic and molecular analysis, and recent discoveries in the field of Evo-Devo will be employed to determine the origin and diversification of major vertebrate groups, and uncover connections between macroevolutionary trends and paleoenvironmental changes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 XLIST: EES 4420

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6675 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 12/6/10 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6430 - Analysis and Prediction of Complex Natural and Human Systems **STUDENT REC TITLE:** Analy & Pred Complex Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores quantitative analysis and probabilistic forecasting of the behavior of complex nonlinear natural and human systems. Methods of analysis include fractals to quantify spatial, size, and temporal scaling and chaos to study sensitivity to initial conditions and feedback. Modeling includes self-organization and cellular automata. Systems studied include seismology, chemistry, biochemistry, hydrology, medicine, geography, and coupled human and natural systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: EES 4430 QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7363 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 2/8/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** GL644 - Formation Analysis **STUDENT REC TITLE:** Formation Analysis **EFFECTIVE:** Spring 2011 **COURSE DESC:** Theory, application, and interpretation of geophysical logs with emphasis on their use in correlation and determining porosity, permeability, and fluid content of subsurface formations. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: GL 685 or GL 687 QTR EQUIV: GL 644
	VERSION: REV **COURSE:** EES6440 - Geophysical Well Log Analysis **STUDENT REC TITLE:** Geophys Well Log Analy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory, application, and interpretation of geophysical logs with emphasis on their use in correlation and determination of porosity, permeability, and fluid content of subsurfance formations. Three hours lecture. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: This course is to be cross-listed with EES 4440. Try as I might, I can't get the function to work and include this. SEM PREREQ: EES 6160 QTR PREREQ: GL 685 or GL 687 QTR EQUIV: GL 644

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7942 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 7/27/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6450 - Petroleum Geology **STUDENT REC TITLE:** Petroleum Geology **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course will cover background issues such as the history and legal aspects of the business (lease acquisition, assignment of working interests, overriding royalties). Most of the course will focus on the basics of petroleum geology, including oil and gas exploration techniques, geology of oil producing regions, well drilling, completion, well-log interpretation, enhanced oil and gas recovery, CO2 sequestration, production equipment, oil and gas sales, and marketing. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: EES 4450

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7935 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 7/22/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6460 - Earth Systems for Educators **STUDENT REC TITLE:** Earth Sys for Educators **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course investigates the processes that impact the Earth system such as volcanic eruptions, global climate change and ice ages and the resulting interactions between air, land, water and life in the Earth system. **COLLEGE:** College of Science & Math **CRED HR:** 3.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: none XLIST: EES 3460 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7966 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 8/2/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6470 - Astronomy K-12 Teachers **STUDENT REC TITLE:** Astronomy K-12 Teachers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to astronomy and the space sciences from the viewpoint of the amateur astronomer. Emphasizes both aesthetic and scientific aspects, and the amateur's enthusiasm for the subject. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: This course will be cross listed with EES 4470. When I add this information, it does not show.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7699 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 4/6/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6480 - Plate Tectonics for Educators **STUDENT REC TITLE:** Plate Tectonics for Edu **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores the history and development of the theory of plate tectonics with an emphasis upon the particular needs of the educator. A required text provides the topical core, supplemented by abundant web-based resources and information. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: EES 4480 QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6562 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** GL632 - Sedimentary Systems and Sequences:Carbonates **STUDENT REC TITLE:** Sed Syst & Seq:Carbonates **EFFECTIVE:** Winter 2011 **COURSE DESC:** Interpretation of ancient and modern carbonate systems using sequence stratigraphic principles. Carbonate facies models as predictive tools for hydrocarbon exploration and aquifer modeling. Composition, origin, and diagenesis of carbonate rocks. **COLLEGE:** College of Science & Math **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none
	VERSION: REV **COURSE:** EES6500 - Carbonate Sedimentology and Petrology **STUDENT REC TITLE:** Carbonate Sed & Petrolog **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the origin, composition, and diagenesis of ancient and modern carbonate rocks. Topics include the macroscopic and microscopic identification of rock constituents and a survey of depositional models for modern carbonate environments, with an emphasis on Floridian and Bahamian carbonates facies. Four hours lecture/lab combination. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 4500 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7967 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 8/2/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6510 - Effective Scientific Communication **STUDENT REC TITLE:** Scientific Communication **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of effective scientific communication in written and conference presentation formats. Basics of good scientific prose, manuscript and figure preparation and submission, poster and platform presentations, job interviews, research proposals, and communication with non-scientists. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: none XLIST: EES 4510 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6563 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** GL636 - Diagenesis of Sedimentary Rocks **STUDENT REC TITLE:** Diagenesis of Sed Rocks **EFFECTIVE:** Winter 2011 **COURSE DESC:** Theory and application of petrographic techniques to studies of carbonate and clastic rocks, with emphasis on diagenesis and porosity development. 2 hours lecture, 2 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none
	VERSION: REV **COURSE:** EES6530 - Diagenesis of Sedimentary Rocks **STUDENT REC TITLE:** Diagenesis of Sed Rocks **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the diagenesis of ancient and modern sedimentary rocks. Topics include the theory and application of petrographic techniques with emphasis on porosity development and interpretation of diagenetic environments. Four hours lecture/lab combination. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 4530 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6930 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 1/20/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** GL654 - Ground-Water Flow and Transport **STUDENT REC TITLE:** Grnd Water Flw and Trans **EFFECTIVE:** Winter 2011 **COURSE DESC:** Covers the occurrence and movement of ground water, and the advection and dispersion of contaminants in ground water flow regimes. Lab introduces interpreting the hydraulic properties of ground water flow regimes from field data. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 230 and PHY 244 QTR EQUIV: GL 654
	VERSION: REV **COURSE:** EES6540 - Subsurface Fluid Flow **STUDENT REC TITLE:** Subsurface Fluid Flow **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of the physical processes underlying the movement of fluids through the porous subsurface. Subjects include the transport of particulates and solutes, including contaminants within ground water flow regimes, and the flow of oil, gas and brine in georeservoirs. Emphasis on quantitative problem solving. (3 hours lecture, 2 hours lab). **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2300 and PHY 2400 QTR PREREQ: MTH 230 and PHY 244 QTR EQUIV: GL 654

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6888 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 1/14/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** GL655 - Hydrogeochemistry **STUDENT REC TITLE:** Hydrogeochemistry **EFFECTIVE:** Winter 2011 **COURSE DESC:** Lectures focus on the chemical interactions between natural waters and their geologic environments. Included are chemical principles, carbonate system, silicate equilibria and weathering, and redox reactions. Isotope hydrology and hydrochemical modeling are also introduced. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CHM 121 and CHM 122 QTR EQUIV: GL 655
	VERSION: REV **COURSE:** EES6550 - Aqueous Environmental Geochemistry **STUDENT REC TITLE:** Aqueous Env Geochemistry **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the interactions between natural fresh waters and their geologic environments. Included topics are chemical equilibrium concept, Modeling using PHREEQC, carbonate system, water-rock interactions, sorption isotherms, redox reactions, biologic influences on aqueous geochemistry, and applications of environmental isotopes. An independent term project is required. Three hours lecture. 3.0 Credit hours **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CHM 1210 and CHM 1220 QTR PREREQ: CHM 121 and CHM 122 QTR EQUIV: GL 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8525 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 2/16/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** CURR **COURSE:** GL669 - Site Remediation **STUDENT REC TITLE:** Site Remediation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of chemical and microbiological degradation of pollutants in the subsurface. Diagnosis and assessment of contaminated sites. Concepts and techniques for LNAPL and DNAPL remediation: pump-and-treat, soil vapor extraction, bioventing/airsparging, chemical treatment, solvent extraction, and bioremediation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: GL 668 QTR EQUIV: GL 669
	VERSION: REV **COURSE:** EES6570 - Site Remediation and Management **STUDENT REC TITLE:** Site Remed & Management **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course addresses the physical, chemical, and biological methods used to remediate contamination in soils and groundwater. Emphasis is on practical applications. Strategies and technologies to address contamination, including the natural attenuation, containment techniques, pump-and-treat, and in situ technologies, will be reviewed in sufficient technical detail so the student can apply basic engineering design equations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: EES 6560 XLIST: EES 4570 QTR PREREQ: GL 668 QTR EQUIV: GL 669

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7968 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 8/2/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6590 - Advanced Aquatic Geochemistry **STUDENT REC TITLE:** Advanced Aquatic Geochem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of biogeochemistry in aquatic systems, emphasizing physical, geological, chemical, and biological interactions in marine and lacustrine environments. Topics include the biogeochemical cycling of nutrients, trace metals, gases, energy, and chemical equilibria and rates in natural waters. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: none XLIST: EES 4590 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7321 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 2/4/11 **APPROVED:** 4/4/11 WorkFlow	**VERSION:** CURR **COURSE:** EES660 - Biological Safety **STUDENT REC TITLE:** Biological Safety **EFFECTIVE:** Spring 2011 **COURSE DESC:** The basic principles and practices of biosafety are examined. This course teaches the identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: none QTR EQUIV: EES 660
	VERSION: REV **COURSE:** EES6750 - Biological Safety **STUDENT REC TITLE:** Biological Safety **EFFECTIVE:** Fall 2012 **COURSE DESC:** Identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels:Graduate SEM PREREQ: none XLIST: ANT 4340, ANT 6340, EES 4750, BMS 8170, BIO 4340, M&I 6340 QTR PREREQ: none QTR EQUIV: EES 660

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7956 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 7/29/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** EES6610 - Near-Surface Geophysics **STUDENT REC TITLE:** Near-Surface Geophysics **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course teaches the electrical geophysical methods most used for near surface studies, and include GPR (ground penetrating radar), Resistivity, and EM (electro-magnetics). The course includes theory, but especially focuses on data acquisition methods, data processing and analysis, as well as report preparation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: EES 6220 XLIST: EES 4610 QTR PREREQ: GL 622

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6554 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES662 - Environmental Toxicology **STUDENT REC TITLE:** Environ. Toxicology **EFFECTIVE:** Spring 2011 **COURSE DESC:** Study of the effects of environmental contaminants on aquatic and terrestrial organisms. Effects on the biochemical and physiological levels are related to impacts on individuals, populations, and ecosystems. Current approaches for assessing ecotoxicity are presented. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: none QTR EQUIV: EES 662
	VERSION: REV **COURSE:** EES6620 - Environmental Toxicology **STUDENT REC TITLE:** Environmental Toxicology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the effects of environmental contaminants on aquatic and terrestrial organisms. Effects on the biochemical and physiological levels are related to impacts on individuals, populations, and ecosystems. Current approaches for assessing environmental toxicity are presented. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 4620 QTR PREREQ: none QTR EQUIV: EES 662

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6555 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES664 - Risk Assessment and Communication **STUDENT REC TITLE:** Risk Assess & Communicat **EFFECTIVE:** Spring 2011 **COURSE DESC:** Studies the determination of quantitative risk to humans and the environment. Approaches currently used in regulatory activies are described, showing method of hazard identification, sampling, data evaluation, exposure assessment, toxicity assessment, and risk characterization. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none QTR EQUIV: EES 664
	VERSION: REV **COURSE:** EES6640 - Risk Assessment and Communication **STUDENT REC TITLE:** Risk Assessment & Comm **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies the determination of quantitative risk to humans and the environment. Approaches currently used in regulatory activities are described, showing method of hazard identification, sampling, data evaluation, exposure assessment, toxicity assessment, and risk characterization. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 4640 QTR PREREQ: none QTR EQUIV: EES 664

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6556 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES666 - OSHA Compliance **STUDENT REC TITLE:** OSHA Compliance **EFFECTIVE:** Spring 2011 **COURSE DESC:** Intended for persons having management responsibilities for occupational safety & health, this course provides practical application of theories of safety & health law, and suggestions for their real world application. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none
	VERSION: REV **COURSE:** EES6660 - OSHA Compliance **STUDENT REC TITLE:** OSHA Compliance **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intended for persons having management responsibility for occupational safety and health; this course provides practical application of the theories of safety and health law, and suggestions for their real world application. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 4660 QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6937 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 1/21/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES668 - Environmental Law for Scientists **STUDENT REC TITLE:** Environ Law for Scientists **EFFECTIVE:** Winter 2011 **COURSE DESC:** Geared to environmental sciences students, the course discusses applicable common law principles before focusing on the variety of environmental statutes, implementing regulations and enforcement. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: EES 668
	VERSION: REV **COURSE:** EES6680 - Environmental Law For Scientists **STUDENT REC TITLE:** Environ Law Scientists **EFFECTIVE:** Fall 2012 **COURSE DESC:** Geared to environmental sciences students, the course discusses applicable common law principles before focusing on the variety of environmental statutes, implementing regulations and enforcement. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate level only. SEM PREREQ: None XLIST: EES 4680 QTR PREREQ: None QTR EQUIV: EES 668

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6557 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES672 - Epidemiology and Community Health **STUDENT REC TITLE:** Epidemiology & Comm Hlth **EFFECTIVE:** Spring 2011 **COURSE DESC:** Communicable and occupational diseases of contemporary importance, includes epidemiological investigation, environmental considerations, and control procedures. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none QTR EQUIV: EES 672
	VERSION: REV **COURSE:** EES6720 - Epidemiology and Community Health **STUDENT REC TITLE:** Epidem & Community Hlth **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of communicable and occupational diseases of contemporary importance; includes epidemiological investigation, environmental considerations, and control procedures. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 4720 QTR PREREQ: none QTR EQUIV: EES 672

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6558 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES674 - Fundamental Occupational Health and Safety **STUDENT REC TITLE:** FUnd Occup Hlth & Safety **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduction to accident recognition, evaluation, and control in the work environment. Emphasis on methods of hazard recognition and control management. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none QTR EQUIV: EES 674
	VERSION: REV **COURSE:** EES6740 - Fundamental Occupational Health and Safety **STUDENT REC TITLE:** Fund Occup Hlth & Safety **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to accident recognition, evaluation, and control in the work environment by hands-on equipment use. Emphasis on methods of hazard recognition and control management. Methods of inspection, accident investigation, and evaluation of accident programs are stressed. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 4740 QTR PREREQ: none QTR EQUIV: EES 674

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6559 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES676 - Air Qualith Management **STUDENT REC TITLE:** Air Quality Management **EFFECTIVE:** Spring 2011 **COURSE DESC:** Designed to provide a broad overview of the science of air quality and its management: includes atmospheric pollutants, dispersion, health and welfare effects, air quality monitoring, source control, regulation and indoor air pollution. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none QTR EQUIV: EES 676
	VERSION: REV **COURSE:** EES6760 - Air Quality Management **STUDENT REC TITLE:** Air Quality Management **EFFECTIVE:** Fall 2012 **COURSE DESC:** Designed to provide a broad overview of the science of air quality and its management: includes atmospheric pollutants, dispersion, health and welfare effects, air-quality monitoring, source control, regulation, and indoor air pollution. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: none XLIST: EES 4760 QTR PREREQ: none QTR EQUIV: EES 676

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6938 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 1/21/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EES678 - Environmental Issues Seminar **STUDENT REC TITLE:** Environmental Issues Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** Students will gain a better understanding of the controversies surrounding many current environmental issues, while also enhancing their library research, presentation, and advocacy skills. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: EES 678
	VERSION: REV **COURSE:** EES6780 - Environmental Sciences Seminar **STUDENT REC TITLE:** Environ Sciences Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students examine a range environmental issues using readings both pro and con. They also explore several issues in greater depth and present their findings to the class. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate level only. SEM PREREQ: None XLIST: EES 4780 QTR PREREQ: None QTR EQUIV: EES 678

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7391 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 2/10/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** GL699 - Special Problems **STUDENT REC TITLE:** Special Problems **EFFECTIVE:** Spring 2011 **COURSE DESC:** Research and problems designed for specific needs and talents of the students. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study, Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: GL 699
	VERSION: REV **COURSE:** EES6990 - Special Problems in Earth and Environmental Sciences **STUDENT REC TITLE:** Spec Probs Earth Env Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research and problems designed for specific needs and talents of students at the graduate level. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0.5 - 5 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None QTR PREREQ: None QTR EQUIV: GL 699

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6983 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 1/24/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** GL700 - Principles of Instruction in Geology **STUDENT REC TITLE:** Prin Instruction Geology **EFFECTIVE:** Spring 2011 **COURSE DESC:** A survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction. For graduate teaching assistants only. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 700
	VERSION: REV **COURSE:** EES7000 - Principles of Instruction in Earth & Environmental Sciences **STUDENT REC TITLE:** Prin Instruction in EES **EFFECTIVE:** Fall 2012 **COURSE DESC:** A survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction. For graduate teaching assistants only. One hour lecture. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must have permission of the Department (restricted to GTAs in EES) QTR EQUIV: GL 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6623 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/29/10 **APPROVED:** 9/15/11 WorkFlow	**VERSION:** REV **COURSE:** EES7100 - Complexity in Environmental Systems **STUDENT REC TITLE:** Complex in Env. Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** This interdisciplinary course explores mathematical methods for quantitative analysis and modeling of complex nonlinear environmental systems. The course introduces the concepts and tools for analyzing and modeling: scaling in space and time, feedback, and self-organization in environmental systems including: ecology, hydrology, global climate change, and geodynamical systems. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: ES 7160 QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6957 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 1/24/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** EES7200 - Applications of Isotopes in Environmental Sciences **STUDENT REC TITLE:** Apps Isotopes in Env Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theories of isotope fractionation and applications of light isotopes to solving environmental and hydrologic problems. Lecture topics cover both stable light isotopes (H, O, C, N, S) and radioactive nuclides (H-3, Cl-36, C-14) but with primary emphasis on stable isotopes. Both biological and abiological processes will be discussed. Three hours lecture. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level only SEM PREREQ: EES 6550 or equivalent

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6958 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 1/24/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** GL748 - Aquifer Test Analysis Laboratory **STUDENT REC TITLE:** Aquifer Test Analysis Lab **EFFECTIVE:** Spring 2011 **COURSE DESC:** This laboratory provides hands-on experience in analyzing and interpreting data from aquifer tests. Case-study data sets are used that come from confined, unconfined, fractured, bounded, leaking, and partially penetrated formations. Constant rate, variable rate, and slug tests are covered. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: GL 654 QTR EQUIV: GL 748
	VERSION: REV **COURSE:** EES7480 - Subsurface Hydraulics, Pumping Tests & Analyses **STUDENT REC TITLE:** Subsurface Hydraulics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Evaluating, analyzing, and interpreting hydraulic data, with particular emphasis on data from pumping tests. Students are presented with a new data set each week, and lectures outline an appropriate method/model to apply to each data set. Students use expert-tool software on each project. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: EES 6540 COREQ: EES 7490 QTR PREREQ: GL 654 QTR EQUIV: GL 748

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6540 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 11/10/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** GL749 - Advanced Ground-Water Flow and Transport **STUDENT REC TITLE:** Adv Grnd Water Flow Trans **EFFECTIVE:** Spring 2011 **COURSE DESC:** Second-level course in subsurface fluid flow, providing the theoretical background necessary to solve problems involving ground water flow, well hydraulics, aquifer characterization, and contaminant transport. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: none QTR EQUIV: GL 749
	VERSION: REV **COURSE:** EES7490 - Modeling Subsurface Fluid Flow **STUDENT REC TITLE:** Modeling Sub Fluid Flow **EFFECTIVE:** Fall 2012 **COURSE DESC:** Applications of models for simulating subsurface flow and mass transport in aquifers and oil/gas reservoirs. The emphasis will be on developing the dimensionality, the spatial and temporal discretization, the initial and boundary conditions, and the parameterization needed in formulating a model from field data. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Level Only SEM PREREQ: EES 6540 COREQ: EES 7480 QTR PREREQ: none QTR EQUIV: GL 749

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7850 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 6/10/11 **APPROVED:** 6/29/11 WorkFlow	**VERSION:** REV **COURSE:** EES7800 - MST Research **STUDENT REC TITLE:** MST Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research designed for specific needs and talents of students at the graduate level in the MST program. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0.5 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 10 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: none QTR PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7305 **STATUS:** Complete **CREATOR:** Cynthia Harrison **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** EES7810 - MST Project **STUDENT REC TITLE:** MST Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students develop an independent capstone science or education research project. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate level only. Enrollment by departmental permission. SEM PREREQ: ED 7400 MST Project Development QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7971 **STATUS:** Complete **CREATOR:** David Dominic **CREATED:** 8/3/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** GL899 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2011 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 899
	VERSION: REV **COURSE:** EES8990 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised research and writing for a Master of Science thesis. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 99 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GL 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7662 **STATUS:** Complete **CREATOR:** Leo Finkelstein **CREATED:** 3/31/11 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** EGR535 - Technical Communications for Engineering and Computer Scientists **STUDENT REC TITLE:** Tech Comm for EGR & CS **EFFECTIVE:** Summer 2011 **COURSE DESC:** A modular approach to oral and written communication of complex technical information to an expert audience. Course includes describing technical mechanisms, processes designing, and using tables, graphs, charts, and figures; producing technical proposals, progress reports, feasibility reports, and formal reports; and doing technical briefings. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EGR 535
	VERSION: REV **COURSE:** EGR5350 - Technical Communications for Engineering and Computer Scientists **STUDENT REC TITLE:** Tech Comm for EGR & CS **EFFECTIVE:** Fall 2012 **COURSE DESC:** A modular approach to oral and written communication of complex technical information to an expert audience. Course includes describing technical mechanisms, processes designing, and using tables, graphs, charts, and figures; producing technical proposals, progress reports, feasibility reports, and formal reports; and doing technical briefings. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EGR 535

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7263 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 2/3/11 **APPROVED:** 10/18/11 WorkFlow	**VERSION:** CURR **COURSE:** EGR699 - Special Problems in Engineering **STUDENT REC TITLE:** Special Problems in Egr **EFFECTIVE:** Spring 2011 **COURSE DESC:** Special problems in advanced engineering topics. Prerequisite: instructor approval. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EGR7980 - Special Topics in Engineering **STUDENT REC TITLE:** Special Topics in EGR **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special topics in engineering. Prerequisite: instructor approval. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 24 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3673 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 6/7/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** REV **COURSE:** EGR7010 - Applied Linear Techniques **STUDENT REC TITLE:** Applied Linear Technique **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate level linear engineering methods in finite and infinite dimensions. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of EGR & Computer Sci XLIST: EE 7010

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5472 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/23/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** EGR702 - Systems Engineering and Analysis **STUDENT REC TITLE:** Systems Engrg & Analysis **EFFECTIVE:** Fall 2010 **COURSE DESC:** Exposes students to the design of systems and tools for the analysis of complex technological systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (STT 363 or IHE 602) and MTH 231 QTR EQUIV: EGR 702
	VERSION: REV **COURSE:** EGR7020 - Systems Engineering and Analysis **STUDENT REC TITLE:** Systems Engrg & Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exposes students to the design of systems and tools for the analysis of complex technological systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: (STT 3630 or IHE 6120) and MTH 2310 QTR PREREQ: (STT 363 or IHE 602) and MTH 231 QTR EQUIV: EGR 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7454 **STATUS:** Complete **CREATOR:** Marie Donohue **CREATED:** 2/16/11 **APPROVED:** 4/7/11 WorkFlow	**VERSION:** REV **COURSE:** EGR7030 - Computational Engineering Analysis **STUDENT REC TITLE:** Computation Egr Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will learn practical and efficient computational techniques that are routinely encountered in modeling, simulation and analysis of engineering problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following: College of EGR and Computer Science.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6037 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** EGR704 - Design Optimization **STUDENT REC TITLE:** Design Optimization **EFFECTIVE:** Winter 2011 **COURSE DESC:** Concepts of minima and maxima; linear, dynamic, integer and nonlinear programming; variational methods. Interdisciplinary engineering applications are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: MTH 232 and MTH 235 QTR EQUIV: EGR 704
	VERSION: REV **COURSE:** EGR7040 - Design Optimization **STUDENT REC TITLE:** Design Optimization **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts of minima and maxima; linear, dynamic, integer and nonlinear programming; variational methods. Interdisciplinary engineering applications are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Graduate Standing QTR PREREQ: MTH 232 and MTH 235 QTR EQUIV: EGR 704

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5761 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/30/10 **APPROVED:** 11/22/10 WorkFlow	**VERSION:** CURR **COURSE:** EGR705 - Design& Analysis of Engineering Experiments **STUDENT REC TITLE:** Des&Anal of Egr Experimnt **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduction to planning and analysis of engineering experiments. Topics include basic statistics review, linear models, regression, analysis of variance, experiment designs, response surface methods, and engineering applications. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: MTH 235 and (STT 363 or IHE 602) QTR EQUIV: EGR 705
	VERSION: REV **COURSE:** EGR7050 - Design and Analysis of Engineering Experiments **STUDENT REC TITLE:** Des Analys Engr Exper **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to planning and analysis of engineering experiments. Topics include basic statistics review, linear models, regression, analysis of variance, experiment designs, response surface methods, and engineering applications. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: MTH 2350 and (STT 3630 or IHE 6020) QTR PREREQ: MTH 235 and (STT 363 or IHE 602) QTR EQUIV: EGR 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7983 **STATUS:** Complete **CREATOR:** Nathan Klingbeil **CREATED:** 8/29/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** EGR7910 - MEIE Team Project **STUDENT REC TITLE:** MEIE Team Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Team project for Master in Engineering Innovation and Entrepreneurship program. Students will work in diverse multi-cultural teams in engineering and business disciplines, interacting with Dayton area entrepreneurs to gain technical expertise & understanding of the business environment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7262 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 2/3/11 **APPROVED:** 10/18/11 WorkFlow	**VERSION:** CURR **COURSE:** EGR890 - Special Problems in Engineering **STUDENT REC TITLE:** Special Problems in Egr **EFFECTIVE:** Spring 2011 **COURSE DESC:** **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** EGR8980 - Special Topics in Engineering **STUDENT REC TITLE:** Special Topics in EGR **EFFECTIVE:** Fall 2012 **COURSE DESC:** **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 5 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5926 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/1/10 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** CURR **COURSE:** EGR891 - PhD Seminar **STUDENT REC TITLE:** PhD Seminar **EFFECTIVE:** Winter 2011 **COURSE DESC:** Ph.D. seminar course required of all students seeking the Ph.D. in Engineering. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Enrollment in Ph.D. in Engineering Program QTR EQUIV: EGR 891
	VERSION: REV **COURSE:** EGR8910 - PhD Seminar **STUDENT REC TITLE:** PhD Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Ph.D. seminar course required of all students seeking the Ph.D. in Engineering. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Enrollment in Ph.D. in Engineering Program QTR PREREQ: Enrollment in Ph.D. in Engineering Program QTR EQUIV: EGR 891

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7260 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 2/3/11 **APPROVED:** 10/18/11 WorkFlow	**VERSION:** CURR **COURSE:** EGR899 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Spring 2011 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EGR 899
	VERSION: REV **COURSE:** EGR8950 - Dissertation **STUDENT REC TITLE:** Dissertation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 999 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 200 REP TIMES: 40 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: EGR 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2787 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/19/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG530 - Business Writing **STUDENT REC TITLE:** Business Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Written business and organizational communication; attention to various forms including short reports and informal oral presentations. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Liberal Arts Raj Soin College of Business QTR EQUIV: ENG 530
	VERSION: REV **COURSE:** ENG5000 - Business Writing **STUDENT REC TITLE:** Business Writing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Written business and organizational communication; rhetorical demands of writing in professional settings; attention to various forms including short reports and informal oral presentations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Education and Human Services, or College of Liberal Arts, or Raj Soin College of Business. Must be enrolled in one of the following levels: Graduate. QTR EQUIV: ENG 530

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2795 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG599 - Studies in Selected Subjects **STUDENT REC TITLE:** Studies in Selected Subjects **EFFECTIVE:** Spring 2010 **COURSE DESC:** Course of variable content dealing with problems, approaches and topics in the field of English. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 599
	VERSION: REV **COURSE:** ENG5010 - Studies in Selected Subjects **STUDENT REC TITLE:** Selected Subjects **EFFECTIVE:** Fall 2012 **COURSE DESC:** Problems, approaches, and topics in the field of English. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3355 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 5/20/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** REV **COURSE:** ENG5020 - Practicum in Teaching College Composition I **STUDENT REC TITLE:** TA Practicum I **EFFECTIVE:** Fall 2012 **COURSE DESC:** For English teaching assistants only. Continuing TAs are assigned to an instructional class that focuses on the teaching of writing in ENG 1100 for a supervised practicum experience. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 3 REP TIMES: 3 RESTRICTION: Department Permission

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3356 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 5/20/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** REV **COURSE:** ENG5030 - Practicum in Teaching College Composition II **STUDENT REC TITLE:** TA Practicum II **EFFECTIVE:** Fall 2012 **COURSE DESC:** For English teaching assistants only. Students are assigned to an instructional class that focuses on the teaching of writing in ENG 2100 for a supervised practicum experience. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Department permission

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2788 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/19/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG533 - Fundamentals of Technical Writing **STUDENT REC TITLE:** Fund of Technical Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of the fundamental principles and skills used in scientific and technical writing. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 533
	VERSION: REV **COURSE:** ENG5610 - Technical Writing **STUDENT REC TITLE:** Technical Writing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts and skills used in scientific and technical writing. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 533

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2789 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/19/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG541 - Advanced Composition for Teachers **STUDENT REC TITLE:** Adv Comp for Teachers **EFFECTIVE:** Spring 2010 **COURSE DESC:** Combines study and pedagogy of composition for education majors specializing in grades 4-12. Emphasis is placed on writing as a process and on improving writing skills. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 541
	VERSION: REV **COURSE:** ENG5520 - Writing Pedagogy for Integrated Language Arts **STUDENT REC TITLE:** Writing Pedagogy for ILA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to writing pedagogy for Integrated Language Arts in grades 4-12 with an emphasis on writing processes and improving writing skills. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 541

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2790 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/19/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG543 - Writing Nonfiction **STUDENT REC TITLE:** Writing Nonfiction **EFFECTIVE:** Spring 2010 **COURSE DESC:** Focus on writing nonfiction for non-academic purposes and audiences in various styles, genres, and media. Topic vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 543
	VERSION: REV **COURSE:** ENG5650 - Writing Nonfiction **STUDENT REC TITLE:** Writing Nonfiction **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced strategies for writing nonfiction for non-academic purposes and audiences in various styles, genres, and media. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 543

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2791 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/19/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG545 - Writing Workshop **STUDENT REC TITLE:** Writing Workshop **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to teaching writing in middle and high school language arts and English classes. Students will participate in writing workshop activities and study underlying principles of workshop instruction. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 545
	VERSION: REV **COURSE:** ENG5560 - Writing Workshop **STUDENT REC TITLE:** Writing Workshop **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced strategies for teaching writing to adolescent and middle school students with an emphasis on genres and workshop pedagogy. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 545

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2792 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/19/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG546 - Reading Workshop **STUDENT REC TITLE:** Reading Workshop **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to direct reading instruction and workshop methodology through the modeling of teaching strategies. Topics include classroom organization and planning, journals, questioning strategies, skills and literacy mini lessons, and projects. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 546
	VERSION: REV **COURSE:** ENG5570 - Reading Workshop **STUDENT REC TITLE:** Reading Workshop **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced strategies for teaching reading to middle school and adolescent students with an emphasis on literary response and workshop pedagogy. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 546

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2793 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG547 - Desktop Publishing and Writing for Integrated Language Arts **STUDENT REC TITLE:** Desktop Pub for ILA **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to computer applications for a variety of both print and online publications, including page design and layout, writing and editing. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 547
	VERSION: REV **COURSE:** ENG5620 - Desktop Publishing and Writing for Integrated Language Arts **STUDENT REC TITLE:** Desktop Publishing ILA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to computer applications for a variety of both print and online publications, including page design and layout, writing and editing. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 547

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2794 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG585 - Adolescent Literature **STUDENT REC TITLE:** Adolescent Literature **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to various types of literature written for young adults. Reading and analysis of adolescent books with an emphasis on their selection and use in the secondary language arts classroom. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 585
	VERSION: REV **COURSE:** ENG5530 - Young Adult Literature **STUDENT REC TITLE:** Young Adult Literature **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to various genres of young adult literature with an emphasis on the selection and analysis of books for adolescents. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 585

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3014 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 5/4/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG599 - Studies in Selected Subjects **STUDENT REC TITLE:** Studies in Selected Subjects **EFFECTIVE:** Spring 2010 **COURSE DESC:** Course of variable content dealing with problems, approaches and topics in the field of English. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 599
	VERSION: REV **COURSE:** ENG5800 - Enhancing Creativity **STUDENT REC TITLE:** Enhancing Creativity **EFFECTIVE:** Fall 2012 **COURSE DESC:** Cultural mythology about artists often blocks our creativity. This course helps students confront these myths, clear away blocks, and discover and recover their creativity. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2796 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG600 - Topics in Computers and Professional Writing **STUDENT REC TITLE:** Top in comp & Prof Writ **EFFECTIVE:** Spring 2010 **COURSE DESC:** Courses, seminars, or workshops in specialized topics relating to writing with computers. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 600
	VERSION: REV **COURSE:** ENG6620 - Document Design **STUDENT REC TITLE:** Document Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Instruction and experience in designing effective print and online documents. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 3610 or ENG 5610 QTR EQUIV: ENG 600

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2797 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG602 - Professional Editing **STUDENT REC TITLE:** Professional Editing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Instruction and experience in editing technical and professional documents, including both print and online publicatons. Covers types of editing, the production process and issues in editing. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 602
	VERSION: REV **COURSE:** ENG6650 - Professional Editing **STUDENT REC TITLE:** Professional Editing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Instruction and experience in editing technical and professional documents, including both print and online publications. Covers types of editing, the production process, and issues in editing. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 3610 or ENG 5610 QTR EQUIV: ENG 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2798 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG605 - Topics in Technical and Professional Writing **STUDENT REC TITLE:** Top Tech and Prof Writ **EFFECTIVE:** Spring 2010 **COURSE DESC:** Courses, seminars, or workshops in specialized topics relating to business, technical, and professional writing. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 333 or ENG 533 QTR EQUIV: ENG 605
	VERSION: REV **COURSE:** ENG6640 - Topics in Technical and Professional Writing **STUDENT REC TITLE:** TopicsTech/Prof Writing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Courses, seminars, or workshops in specialized topics relating to business, technical, and professional writing. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following levels: Graduate ADD INFO: ENG 604 may also serve as a quarter equivalent to this variable topic course. SEM PREREQ: ENG 3610 or ENG 5610 QTR PREREQ: ENG 333 or ENG 533 QTR EQUIV: ENG 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2799 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG610 - Studies in British Lit **STUDENT REC TITLE:** Studies in British Lit **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intensive study of British literary history and/or the work of individual British writers. Intended to develop an understanding of literature within the contexts of the author's life literary production, or historical background. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 610
	VERSION: REV **COURSE:** ENG6200 - Studies in British Literature **STUDENT REC TITLE:** Studies in British Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of British literary history and/or the work of individual British writers. Intended to develop an understanding of literature within the contexts of the authors life, literary production, and historical background. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2800 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG620 - Studies in American Literature **STUDENT REC TITLE:** Studies in American Lit **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intensive study of American literary history and/or the work of individual American writers. Intended to develop an understanding of literature within the contexts of the authors's life, literary production, or historical background. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 620
	VERSION: REV **COURSE:** ENG6300 - Studies in American Literature **STUDENT REC TITLE:** Studies in American Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of American literary history and/or the work of individual American writers. Intended to develop an understanding of literature within the contexts of the authors life, literary production, and historical background. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2801 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG630 - Studies in Literature, Gender and Sexuality **STUDENT REC TITLE:** Lit, Gender & Sexuality **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intensive study of literature from the perspectives of gender theory. Intended to develop an understanding of gender and sexuality as important both to literature and to its critical appreciation. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 630
	VERSION: REV **COURSE:** ENG6430 - Studies in Literature, Gender and Sexuality **STUDENT REC TITLE:** Studies in Gender/Sex **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of literature from the perspectives of gender theory. Intended to develop an understanding of gender and sexuality as important both to literature and to its critical appreciation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 630

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2802 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG640 - Studies in Ethnic and Regional Literature **STUDENT REC TITLE:** Ethnic & Regional Lit **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intensive study of literature from different regions of America or reflecting the experiences of different ethnic groups. Intended to develop an understanding of race, region, and ethnicity as important both to literature and to its critical appreciation. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 640
	VERSION: REV **COURSE:** ENG6440 - Studies in Ethnic and Regional Literature **STUDENT REC TITLE:** Studies Ethnic/Reg Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of literature from different regions of America or reflecting the experiences of different ethnic groups. Intended to develop an understanding of race, region, and ethnicity as important both to literature and to its critical appreciation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2803 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG650 - Studies in Literary Theory **STUDENT REC TITLE:** Studies in Lit Theory **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intensive study of literary theory in order to develop an understanding of critical questions and approaches. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 650
	VERSION: REV **COURSE:** ENG6450 - Studies in Literary Theory **STUDENT REC TITLE:** Studies in Lit Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of literary theory in order to develop an understanding of critical questions and approaches. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2808 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG660 - Studies in Literary Genres and Themes **STUDENT REC TITLE:** Literary Genres & Themes **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intensive study of literary genres (e.g. poetry, the novel, satire) or of literary themes. Intended to develop an understanding of formal and structural aspects of literature. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 660
	VERSION: REV **COURSE:** ENG6460 - Studies in Literary Genres and Themes **STUDENT REC TITLE:** Studies Lit Genre/Theme **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of literary genres (e.g., poetry, the novel, satire) or of literary themes. Intended to develop an understanding of formal and structural aspects of literature. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 660

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2809 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/20/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG670 - Studies in World Literature **STUDENT REC TITLE:** Studies in World Lit **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intensive study, in English, of non-European literature, focused nationally, regionally, cross-culturally, thematically, or generically. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 670
	VERSION: REV **COURSE:** ENG6470 - Studies in Post-Colonial Literature **STUDENT REC TITLE:** Post-Colonial Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of post-colonial literature from diverse regions of the global South. Intended to develop critical perspectives on historical periods, genres, language use, thematic concerns, and global trends. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3686 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 6/8/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG686 - Integrated Language Arts **STUDENT REC TITLE:** Integrated Language Arts **EFFECTIVE:** Spring 2010 **COURSE DESC:** Study of the integration and pedagogy of reading, writing, listening, speaking, viewing and visually representing. Emphasis on responding to literatures and introduction to interdisciplinary and thematic units. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: (ENG 345 or Graduate level ENG 545) or (ENG 346 or Graduate level ENG 546) and ENG 341 or Graduate level ENG 541 QTR EQUIV: ENG 686
	VERSION: REV **COURSE:** ENG6560 - Integrated Language Arts Curriculum Capstone **STUDENT REC TITLE:** ILA Capstone **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the integration and pedagogy of reading, writing, listening, speaking, viewing, and visually representing. Emphasis on responding to literature and introduction to interdisciplinary and thematic units. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 3520 or ENG 6520, and ENG 3530 or ENG 6530, and ENG 3560 or ENG 6560, and ENG 3570 or ENG 6570, minimum grades of C QTR PREREQ: (ENG 345 or Graduate level ENG 545) or (ENG 346 or Graduate level ENG 546) and ENG 341 or Graduate level ENG 541 QTR EQUIV: ENG 686

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8159 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 12/13/11 **APPROVED:** 1/24/12 WorkFlow	**VERSION:** REV **COURSE:** ENG6690 - Technical Writing and Professional Skills for International Students **STUDENT REC TITLE:** Tech Writ & Skills Intl **EFFECTIVE:** Fall 2012 **COURSE DESC:** Written and spoken communication in science and engineering with an emphasis on the various forms of technical documents and oral presentations. For non-native speakers of English only. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Department Permission. SEM PREREQ: Must be enrolled in one of the following Levels: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2832 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG675 - TEFL Theory & Culture **STUDENT REC TITLE:** TEFL Theory & Culture **EFFECTIVE:** Spring 2010 **COURSE DESC:** Builds awareness of cultural similarities and differences and addresses the impact of culture and personal variables on English language learning. Provides techniques for integrating culture into the EFL classroom. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 675
	VERSION: REV **COURSE:** ENG6700 - TEFL Theory and Culture **STUDENT REC TITLE:** TEFL Theory and Culture **EFFECTIVE:** Fall 2012 **COURSE DESC:** Builds awareness of cultural similarities and differences and addresses the impact of cultural and personal variables on English language learning in an international setting. Provides an understanding of the language acquisition process. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 4710 or ENG 6710 COREQ: ENG 6710 QTR EQUIV: ENG 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2839 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 6/8/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG678 - Introduction to Linguistics **STUDENT REC TITLE:** Intro to Linguistics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Presents a survey of the scientific study of language and focuses on describing and explaining languages in their natural environment. Includes phonetics, phonology, morphology, syntax, semantics, pragmatics, and sociolinguistics. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 678
	VERSION: REV **COURSE:** ENG6710 - Introduction to Linguistics **STUDENT REC TITLE:** Intro to Linguistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents a survey of the scientific study of language and focuses on describing and explaining languages in their natural environment. Includes phonetics, phonology, morphology, syntax, semantics, pragmatics, and sociolinguistics. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 678

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2840 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG679 - History of English Language **STUDENT REC TITLE:** History of English Lang **EFFECTIVE:** Spring 2010 **COURSE DESC:** Study of the ancestry and early growth of English, the history of English sounds and inflections, the development of the English vocabulary, and variations in pronunciation and usage in Modern British and American English. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 679
	VERSION: REV **COURSE:** ENG6720 - History of the English Language **STUDENT REC TITLE:** History of Engl Language **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the ancestry and early growth of the English language, the history of English sounds and inflections, the development of the English vocabulary, and variations in pronunciation and usage in modern British and American English. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 679

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2842 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG681 - Theory of ESL **STUDENT REC TITLE:** Theory of ESL **EFFECTIVE:** Spring 2010 **COURSE DESC:** Presents a theoretical foundation for the study of second language acquisition, including first language acquisition, interlanguage, contrastive analysis, error analysis, language universals, communicative competence, and learning theory. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 478 or ENG 678 QTR EQUIV: ENG 681
	VERSION: REV **COURSE:** ENG6730 - TESOL Theory and Culture **STUDENT REC TITLE:** TESOL Theory and Culture **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents a theoretical foundation for the study of second language acquisition, including awareness of first language acquisition. Builds awareness of cultural similarities and differences and addresses the impact of cultural and personal variables on English language learning. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 4710 or ENG 6710 QTR PREREQ: ENG 478 or ENG 678 QTR EQUIV: ENG 681

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2831 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG674 - TEFL Practices & Materials **STUDENT REC TITLE:** TEFL Practices/Materials **EFFECTIVE:** Spring 2010 **COURSE DESC:** Identifies the diverse needs of students learning English as a foreign language and the most effective curriculum development, resources, and teaching techniques to address these needs. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: ENG 478 QTR EQUIV: ENG 674
	VERSION: REV **COURSE:** ENG6790 - TEFL Practices & Materials **STUDENT REC TITLE:** TEFL Practice & Material **EFFECTIVE:** Fall 2012 **COURSE DESC:** Identifies the diverse needs of students learning English as a foreign language and the most effective curriculum development, resources, and teaching techniques to address these needs. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate ADD INFO: ENG 6710 may be taken concurrently with this course. SEM PREREQ: ENG 4710 or ENG 6710 QTR PREREQ: ENG 478 QTR EQUIV: ENG 674

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2845 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG684 - TESOL Methods and Materials **STUDENT REC TITLE:** TESOL Practices and Materials **EFFECTIVE:** Spring 2010 **COURSE DESC:** Develops skills in designing curricula through creating and adapting appropriate materials and activities, as well as evaluating and effectively using existing practices and materials available to the teacher of ESL/EFL. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 340 or ENG 478 QTR EQUIV: ENG 684
	VERSION: REV **COURSE:** ENG6740 - TESOL Practices & Materials **STUDENT REC TITLE:** TESOL Practice/Material **EFFECTIVE:** Fall 2012 **COURSE DESC:** Develops skills in designing curricula through creating and adapting appropriate materials and activities, as well as evaluating and effectively using existing practices and materials available to the teacher of ESL/EFL. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR PREREQ: ENG 340 or ENG 478 QTR EQUIV: ENG 684

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2843 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG682 - TESOL Grammar **STUDENT REC TITLE:** TESOL Grammar **EFFECTIVE:** Spring 2010 **COURSE DESC:** Develops linguistic analysis skills to help students recognize, analyze, and remediate written and spoken grammatical errors in ESL/EFL instructional contexts. Also focuses on pedagogical aspects of grammar instruction to nonnative speakers of English. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 478 or ENG 678 QTR EQUIV: ENG 682
	VERSION: REV **COURSE:** ENG6750 - TESOL Grammar **STUDENT REC TITLE:** TESOL Grammar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Develops linguistic analysis skills to help students recognize, analyze, and remediate written and spoken grammatical errors in ESL/EFL instructional contexts. Also focuses on pedagogical aspects of grammar instruction to nonnative speakers of English. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 4710 or ENG 6710 QTR PREREQ: ENG 478 or ENG 678 QTR EQUIV: ENG 682

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2849 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG687 - TESOL Assessment **STUDENT REC TITLE:** TESOL Assessment **EFFECTIVE:** Spring 2010 **COURSE DESC:** Investigates key concepts and underlying theories in the field of language assessment. Looks at purposes and types of assessment with a focus on the development and use of authentic assessment for English Language learners. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 687
	VERSION: REV **COURSE:** ENG6760 - TESOL Assessment **STUDENT REC TITLE:** TESOL Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Investigates key concepts and underlying theories in the field of language assessment. Looks at purposes and types of assessment with a focus on the development and use of authentic assessment for English language learners. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2834 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG677 - Workshop **STUDENT REC TITLE:** Workshop **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intensive study of selected special topics or problems designed to meet the needs of participating students. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 677
	VERSION: REV **COURSE:** ENG6950 - TEFL Workshop **STUDENT REC TITLE:** TEFL Workshop **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of selected special topics or problems to meet the particular needs of participating students. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 677

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2850 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG688 - TESOL in the Pre-K-12 Classroom **STUDENT REC TITLE:** TESOL in Pre-K-12 Class **EFFECTIVE:** Spring 2010 **COURSE DESC:** Focuses on ESL education in the U.S. and Ohio. Examines historical and legal precedents. Emphasizes components necessary for successful programs, including curricula, assessment, classroom dynamics, and parental involvement. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 688
	VERSION: REV **COURSE:** ENG6770 - ESL in the Pre-K-12 Classroom **STUDENT REC TITLE:** ESL: Pre-K-12 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on ESL education in the U.S. and Ohio. Examines historical and legal precedents. Emphasizes components necessary for successful programs, including curricula, assessment, classroom dynamics, and parental involvement. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 3400 or ENG 4710 or ENG 6710 QTR EQUIV: ENG 688

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2847 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG685 - Studies in English Education **STUDENT REC TITLE:** Studies in Eng Education **EFFECTIVE:** Spring 2010 **COURSE DESC:** (Also listed as ED 620.) Focuses on theoretical issues and practical problems of teaching English at all levels, including the teaching of writing and teaching of English to speakers of other languages (TESOL). Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 340 or ENG 478 or ENG 678 QTR EQUIV: ENG 685
	VERSION: REV **COURSE:** ENG6780 - Studies in TESOL Education **STUDENT REC TITLE:** Studies TESOL Education **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focus on theoretical issues and practical problems of teaching English to speakers of other languages (TESOL). **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 3500 or ENG 4710 or ENG 6710 QTR PREREQ: ENG 340 or ENG 478 or ENG 678 QTR EQUIV: ENG 685

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2852 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG692 - Poetry Writing Seminar **STUDENT REC TITLE:** Poetry Writing Seminar **EFFECTIVE:** Spring 2010 **COURSE DESC:** Advanced students work closely with instructor on writing and revising, leading to the creation of professional and publishable poetry. Reading and discussion of contemporary poetry and poetics. May be repeated twice for credit. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 692
	VERSION: REV **COURSE:** ENG6820 - Advanced Poetry Writing Seminar **STUDENT REC TITLE:** Adv Poetry Wrtg Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced practice in writing and revising poems, refining craft and style, with the aim of producing poetry of superior merit; group discussion of manuscripts; and reading and discussion of modern poetry and poetics. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 692

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2853 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG693 - Fiction Writing Seminar **STUDENT REC TITLE:** Fiction Writing Sem **EFFECTIVE:** Spring 2010 **COURSE DESC:** Advanced study and practice of the techniques and forms of fiction, with emphasis on producing fiction of professional and publishable quality. Includes instruction on publication strategies. May be repeated once for credit. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 693
	VERSION: REV **COURSE:** ENG6830 - Advanced Fiction Writing Seminar **STUDENT REC TITLE:** Adv Fiction Wrtg Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced practice in writing and revising fiction, refining craft and style, with the aim of producing fiction of superior merit; group discussion of manuscripts, and reading and discussion of contemporary fiction. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 693

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2854 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/22/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG694 - Studies in Creative Writing **STUDENT REC TITLE:** Studies Creative Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Specialized courses in genres, modes, styles, practices, creative processes, and the craft of fiction, creative non-fiction, poetry or playwriting. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 694
	VERSION: REV **COURSE:** ENG6850 - Special Topics in Creative Writing **STUDENT REC TITLE:** Sp Topics Creative Wrtg **EFFECTIVE:** Fall 2012 **COURSE DESC:** Specialized courses in genres, modes, styles, practices, creative processes, and the craft of fiction, creative non-fiction, poetry, or playwriting. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Instructor Permission. QTR EQUIV: ENG 694

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3023 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 5/4/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG795 - Internship and Apprenticeship **STUDENT REC TITLE:** Intern & Apprenticeship **EFFECTIVE:** Spring 2010 **COURSE DESC:** Supervised college-level teaching, archival work, or professional writing. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 795
	VERSION: REV **COURSE:** ENG6920 - Internship in Writing **STUDENT REC TITLE:** Internship in Writing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised professional writing in workplace setting. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following levels: Graduate; Instructor Permission ADD INFO: Student must have completed 3 professional or technical writing courses numbered above 5000 with no grades below B; Only 3 hours of internship may be applied to the M.A. in English QTR EQUIV: ENG 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3024 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 5/4/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG795 - Internship and Apprenticeship **STUDENT REC TITLE:** Intern & Apprenticeship **EFFECTIVE:** Spring 2010 **COURSE DESC:** Supervised college-level teaching, archival work, or professional writing. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 795
	VERSION: REV **COURSE:** ENG6930 - Internship in Teaching **STUDENT REC TITLE:** Internship in Teaching **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised college-level teaching or tutoring. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following levels: Graduate; Instructor Permission ADD INFO: Student must have completed 15 hours of graduate study in English; no more than 3 hours may be applied to the M.A. in English QTR EQUIV: ENG 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3025 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 5/4/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG795 - Internship and Apprenticeship **STUDENT REC TITLE:** Intern & Apprenticeship **EFFECTIVE:** Spring 2010 **COURSE DESC:** Supervised college-level teaching, archival work, or professional writing. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 795
	VERSION: REV **COURSE:** ENG6940 - TESOL Internship **STUDENT REC TITLE:** TESOL Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised classroom experience teaching English to speakers of other languages. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 3 - 12 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate ADD INFO: Three credits of TESOL internship may be applied to the TESOL MA practicum requirement. SEM PREREQ: ENG 4740 or ENG 6740 or ENG 4745 or ENG 6745 or ENG 4760 or ENG 6760, minimum grade of B. QTR EQUIV: ENG 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2945 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG700 - Methods and Materials of Research in Language and Writing **STUDENT REC TITLE:** Research in Lang & Writ **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to research in language and writing. Emphasis on finding and using library resources, surveying research designs, and understanding and reporting research in the human sciences. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 700
	VERSION: REV **COURSE:** ENG7020 - Methods and Materials of Research in Composition and Rhetoric **STUDENT REC TITLE:** Meth & Mat: Comp/Rhet **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to research in the field of composition and rhetoric. Emphasis on finding and using library resources, surveying research designs, and understanding and reporting research in the human sciences. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the one of the following levels: Graduate QTR EQUIV: ENG 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2946 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG700 - Methods and Materials of Research in Language and Writing **STUDENT REC TITLE:** Research in Lang & Writ **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to research in language and writing. Emphasis on finding and using library resources, surveying research designs, and understanding and reporting research in the human sciences. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 700
	VERSION: REV **COURSE:** ENG7030 - Methods and Materials of Research in TESOL **STUDENT REC TITLE:** Meth & Mat: TESOL **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to research in language and the TESOL field. Emphasis on finding and using library resources, surveying research designs, and understanding and reporting research in the human sciences. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2947 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG701 - Methods and Materials of Research in Literary Studies **STUDENT REC TITLE:** Research in Lit Studies **EFFECTIVE:** Spring 2010 **COURSE DESC:** Examination of the aims and approaches of scholarly study of literature and the tools and methods of literary research. Emphasis on the problems of collecting, evaluating, and reporting the findings of scholarly study. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 701
	VERSION: REV **COURSE:** ENG7010 - Methods and Materials of Research in Literary Studies **STUDENT REC TITLE:** Meth & Mat: Literature **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of the aims and approaches of scholarly study of literature and the tools and methods of literary research. Emphasis on the problems of collecting, evaluating, and reporting the findings of scholarly study. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2948 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG702 - Theory and Practice of Literary Criticism **STUDENT REC TITLE:** Lit Crit:Theory/Practice **EFFECTIVE:** Spring 2010 **COURSE DESC:** Examines literary criticism and theories of textuality that are being applied to literature. Emphasis is placed on understanding the development and application of contemporary theories of literature and their effect on the study of literature. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 702
	VERSION: REV **COURSE:** ENG7110 - Theory and Practice of Literary Criticism **STUDENT REC TITLE:** Literary Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines current theoretical underpinnings of literary criticism and scholarship. Emphasis is placed on understanding the development and application of contemporary theories of literature and their effect on the study of literature. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2953 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG703 - Teaching College Composition I **STUDENT REC TITLE:** Teaching College Comp I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to the theory and pedagogy of college-level writing courses. Requires concurrent teaching or tutorial experience. Required of all first-year English teaching assistants. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 703
	VERSION: REV **COURSE:** ENG7200 - Teaching College Composition I **STUDENT REC TITLE:** Teaching College Comp I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the theory and pedagogy of college-level writing courses. Requires concurrent teaching or tutorial experience. Required of all first-year English teaching assistants. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate; Department Permission QTR EQUIV: ENG 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2955 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG704 - Teaching College Composition II **STUDENT REC TITLE:** Teaching College Comp II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to the theory and pedagogy of college-level writing courses. Requires concurrent teaching or tutorial experience. Required of all first-year English teaching assistants. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 703 QTR EQUIV: ENG 704
	VERSION: REV **COURSE:** ENG7210 - Teaching College Composition II **STUDENT REC TITLE:** Teaching College Comp II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the theory and pedagogy of research writing and argumentation and the teaching of ENG 2100. Requires concurrent teaching or tutorial experience. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7200, minimum grade of B QTR PREREQ: ENG 703 QTR EQUIV: ENG 704

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2958 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG710 - The Creative Process **STUDENT REC TITLE:** The Creative Process **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of the theoretical and practical aspects of literary creativity including such considerations as the creative imagination and writers' practice of their craft. Includes practice in the creation of original work. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 710
	VERSION: REV **COURSE:** ENG7220 - The Creative Process **STUDENT REC TITLE:** Creative Process **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of the theoretical and practical aspects of literary creativity including such considerations as the creative imagination and writers' practice of their craft. Includes practice in the creation of original work. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2956 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG711 - Rhetoric **STUDENT REC TITLE:** Rhetoric **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to rhetoric as related to the written word. Covers the history of rhetoric, current rhetorical theory, and the application of rhetorical theory to the study of literature and composition. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 711
	VERSION: REV **COURSE:** ENG7120 - Rhetoric **STUDENT REC TITLE:** Rhetoric **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to rhetoric as related to the written word. Covers the history of rhetoric, current rhetorical theory, and the application of rhetorical theory to the study of literature and composition. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 711

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2957 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG714 - Discourse Analysis **STUDENT REC TITLE:** Discourse Analysis **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to the study of language beyond the sentence level. Topics covered will include pragmatics, conversational analysis, cohesion, and written language. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: ENG 478 or ENG 678 QTR EQUIV: ENG 714
	VERSION: REV **COURSE:** ENG7130 - Discourse Analysis **STUDENT REC TITLE:** Discourse Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the linguistic study of spoken and written language beyond the sentence level. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 4710, minimum grade of C, or ENG 6710, minimum grade of C QTR PREREQ: ENG 478 or ENG 678 QTR EQUIV: ENG 714

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3044 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 5/5/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG725 - Women's Studies: Theory and Literature **STUDENT REC TITLE:** WMS Study: Theory & Lit **EFFECTIVE:** Fall 2010 **COURSE DESC:** Explores gender and other variables of identity (e.g. ethnicity, class, sexuality, religious affiliation, disability) and their relationship to the production/consumption of texts. Readings include literary texts and feminist theory. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ENG 725
	VERSION: REV **COURSE:** ENG7140 - Women's Studies: Theory and Literature **STUDENT REC TITLE:** WMS Study: Theory & Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores gender and other variables of identity (e.g. ethnicity, class, sexuality, religious affiliation, disability) and their relationship to the production/consumption of texts. Readings include literary texts and feminist theory. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 725

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2960 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG717 - The Study of Writing **STUDENT REC TITLE:** The Study of Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Current approaches to writing and the study of composition in the classroom. Topics include whole language, invention, revision, stylistics, editing, the analysis of student writing, and effective pedagogical practice. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 717
	VERSION: REV **COURSE:** ENG7230 - The Study of Writing **STUDENT REC TITLE:** The Study of Writing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Current approaches to writing and the study of composition in the classroom. Topics include whole language, invention, revision, stylistics, editing, the analysis of student writing, and effective pedagogical practice. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 717

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2962 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG718 - The Study of Professional Writing **STUDENT REC TITLE:** Professional Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Current approaches to the study of technical, business, and other specialized writing. Critical and historical analyses are supplemented by assignments in writing the studied forms. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 718
	VERSION: REV **COURSE:** ENG7240 - The Study of Professional Writing **STUDENT REC TITLE:** Professional Writing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Current approaches to the study of technical, business, and other specialized writing. Critical and historical analyses are supplemented by assignments in writing the studied forms. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 718

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2963 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG720 - Seminar in Literature and Gender **STUDENT REC TITLE:** Sem in Lit and Gender **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion of topics dealing with gender and literature (e.g., literature by and about women, feminist critical theory and practice, and gender roles in literature). Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 720
	VERSION: REV **COURSE:** ENG7320 - Seminar in Literature and Gender **STUDENT REC TITLE:** Sem in Lit/Gender **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research, reports, and discussion of topics dealing with gender and literature (e.g., literature by and about women, feminist critical theory and practice, and gender roles in literature). Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7010, minimum grade of C, or ENG 7020, minimum grade of C, or ENG 7030, minimum grade of C, or HUM 7000, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2969 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG730 - Seminar in Major Writers **STUDENT REC TITLE:** Seminar: Major Writers **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with a single writer or a small group of writers either of the same milieu or linked by a common theme, style, or subject matter. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 730
	VERSION: REV **COURSE:** ENG7330 - Seminar in Major Writers **STUDENT REC TITLE:** Seminar: Major Writers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with a single writer or a small group of writers either of the same milieu or linked by a common theme, style, or subject matter. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7010, minimum grade of C, or ENG 7020, minimum grade of C, or ENG 7030, minimum grade of C, or HUM 7000, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2971 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG740 - Seminar in Literary Genres **STUDENT REC TITLE:** Seminar: Literary Genres **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with a single literary genre (e.g., epic, novel, tragedy, lyric poetry, or historical drama). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 740
	VERSION: REV **COURSE:** ENG7340 - Seminar in Literary Genres **STUDENT REC TITLE:** Seminar: Literary Genres **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with a single literary genre (e.g., epic, novel, tragedy, lyric poetry, or historical drama). **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7010, minimum grade of C, or ENG 7020, minimum grade of C, or ENG 7030, minimum grade of C, or HUM 7000, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2972 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG750 - Seminar: Cultural Periods **STUDENT REC TITLE:** Seminar: Cultural Periods **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion of topics dealing with the literature and culture of particular historical periods or with literary movements (e.g., the Middle Ages, the age of Johnson, romanticism, or the twenties). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 750
	VERSION: REV **COURSE:** ENG7350 - Seminar: Cultural Periods **STUDENT REC TITLE:** Sem: Cultural Periods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research, reports, and discussion of topics dealing with the literature and culture of particular historical periods or with literary movements (e.g., the Middle Ages, Romanticism, or Postmodernism). **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ENG 7010, minimum grade of C, or ENG 7020, minimum grade of C, or ENG 7030, minimum grade of C, or HUM 7000, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2973 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG760 - Seminar in Special Literary Problems **STUDENT REC TITLE:** Sem: Spec Literary Probl **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with special problems such as literary themes, literary conventions, literature in relation to other disciplines, literary backgrounds, critical approaches, and interdisciplinary study. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 760
	VERSION: REV **COURSE:** ENG7360 - Seminar in Special Literary Problems **STUDENT REC TITLE:** Sem: Literary Problems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with special problems such as literary themes, literary conventions, literature in relation to other disciplines, literary backgrounds, critical approaches, and interdisciplinary study. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ENG 7010, minimum grade of C, or ENG 7020, minimum grade of C, or ENG 7030, minimum grade of C, or HUM 7000, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 760

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2974 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG780 - Seminar in Writing **STUDENT REC TITLE:** Seminar in Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with the theory and pedagogy of writing (e.g., response to writing, writing across the curriculum, computers and composition). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780
	VERSION: REV **COURSE:** ENG7410 - Seminar in Composition Pedagogy **STUDENT REC TITLE:** Seminar: Comp Pedagogy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research, and discussion on topics dealing with theories and practices of teaching composition, such as historical contexts of composition programs, design of assignments, and teaching materials. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ENG 7020, minimum grade of C, or ENG 7010, minimum grade of C, or ENG 7030, minimum grade of C, or HUM 7000, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2976 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG780 - Seminar in Writing **STUDENT REC TITLE:** Seminar in Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with the theory and pedagogy of writing (e.g., response to writing, writing across the curriculum, computers and composition). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780
	VERSION: REV **COURSE:** ENG7420 - Seminar: Writing Practices **STUDENT REC TITLE:** Seminar: Wtg Practices **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, practice, research and discussion of writing practices in academic and non-academic genres for pedagogical purposes. Focus on topics such as ethnography, multi-genre writing, new media literacies. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7020, minimum grade of C, or ENG 7010, minimum grade of C, or ENG 7030, minimum grade of C, or HUM 7000, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2977 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG780 - Seminar in Writing **STUDENT REC TITLE:** Seminar in Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with the theory and pedagogy of writing (e.g., response to writing, writing across the curriculum, computers and composition). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780
	VERSION: REV **COURSE:** ENG7430 - Seminar: Composition Theories **STUDENT REC TITLE:** Seminar: Comp. Theories **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research and discussion of current theories in the field of composition and rhetoric focusing on topics such as composition studies, literacy studies, social nature of language, and politics of assessment. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7020, minimum grade of C, or ENG 7010, minimum grade of C, or ENG 7030, minimum grade of C, or HUM 7000, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3005 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 5/2/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG770 - Seminar in the English Language **STUDENT REC TITLE:** Sem in English Language **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, projects, and discussion on English linguistic topics, including phonetics, phonology, morphology, syntax, semantics, pragmatics, discourse analysis, text linguistics, sociolinguistics, psycholinguistics, language acquisition, and historical linguistics. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: (ENG 478 or Graduate level ENG 678) and (Graduate level ENG 700 or Graduate level ENG 701 or Graduate level HUM 710) QTR EQUIV: ENG 770
	VERSION: REV **COURSE:** ENG7500 - Seminar in TESOL **STUDENT REC TITLE:** Seminar in TESOL **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research, reports, projects, and discussion on English linguistic/TESOL topics, including phonetics, phonology, morphology, syntax, semantics, pragmatics, discourse analysis, text linguistics, sociolinguistics, psycholinguistics, language acquisition, historical linguistics, and TESOL pedagogy. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7030, minimum grade of C, or ENG 7020, minimum grade of C, or ENG 7010, minimum grade of C, or HUM 7000, minimum grade of C; and ENG 4710, minimum grade of C, or ENG 6710, minimum grade of C QTR PREREQ: (ENG 478 or Graduate level ENG 678) and (Graduate level ENG 700 or Graduate level ENG 701 or Graduate level HUM 710) QTR EQUIV: ENG 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2975 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG770 - Seminar in the English Language **STUDENT REC TITLE:** Sem in English Language **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, projects, and discussion on English linguistic topics, including phonetics, phonology, morphology, syntax, semantics, pragmatics, discourse analysis, text linguistics, sociolinguistics, psycholinguistics, language acquisition, and historical linguistics. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 478 or ENG 678) and ENG 700 or ENG 701 or HUM 710) QTR EQUIV: ENG 770
	VERSION: REV **COURSE:** ENG7510 - TESOL: Speaking and Listening **STUDENT REC TITLE:** TESOL: Speak/Listen **EFFECTIVE:** Fall 2012 **COURSE DESC:** Understanding and further developing the theory and practice of teaching listening and speaking, including issues of pronunciation, to speakers of English as a second, foreign, or international language. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7030, minimum grade of C, or ENG 7020, minimum grade of C, or ENG 7010, minimum grade of C, or HUM 7000, minimum grade of C; and ENG 4710, minimum grade of C, or ENG 6710, minimum grade of C QTR PREREQ: ENG 478 or ENG 678) and ENG 700 or ENG 701 or HUM 710) QTR EQUIV: ENG 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2979 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG780 - Seminar in Writing **STUDENT REC TITLE:** Seminar in Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with the theory and pedagogy of writing (e.g., response to writing, writing across the curriculum, computers and composition). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780
	VERSION: REV **COURSE:** ENG7520 - TESOL: Reading and Writing **STUDENT REC TITLE:** TESOL: Read/Write **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with TESOL reading and writing. Emphasis placed on examining the relationships between language and writing theory and practices in TESOL reading and writing. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7030, minimum grade of C, or ENG 7020, minimum grade of C, or ENG 7010, minimum grade of C, or HUM 7000, minimum grade of C; and ENG 4710, minimum grade of C, or ENG 6710, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2980 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG780 - Seminar in Writing **STUDENT REC TITLE:** Seminar in Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with the theory and pedagogy of writing (e.g., response to writing, writing across the curriculum, computers and composition). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780
	VERSION: REV **COURSE:** ENG7550 - Study of World Englishes **STUDENT REC TITLE:** Study of World Englishes **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with the spread of World Englishes. Emphasis placed on studying the various forms English is taking throughout the world and the importance of English in international communication. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate SEM PREREQ: ENG 7030, minimum grade of C, or ENG 7020, minimum grade of C, or ENG 7010, minimum grade of C, or HUM 7000, minimum grade of C QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2984 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG780 - Seminar in Writing **STUDENT REC TITLE:** Seminar in Writing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Reading, research, reports, and discussion on topics dealing with the theory and pedagogy of writing (e.g., response to writing, writing across the curriculum, computers and composition). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780
	VERSION: REV **COURSE:** ENG7610 - Seminar in Integrated Language Arts **STUDENT REC TITLE:** Seminar in ILA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced study of theory and pedagogy of the language arts: reading, writing, listening, speaking, viewing, and/or visually representing. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ENG 7010 or ENG 7020 or ENG 7030 or HUM 7000 or Instructor permission QTR PREREQ: ENG 700 or ENG 701 or HUM 710 QTR EQUIV: ENG 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2981 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 789
	VERSION: REV **COURSE:** ENG7900 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Limited to students who have completed coursework toward the degree but who must maintain registered status, e.g. in any quarter prior to graduation in which the department is affording some service, such as advising toward and evaluating the graduate portfolio, reading a thesis, or giving advice on the thesis after completion of all other requirements of course work and research. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 789

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2982 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG791 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Spring 2010 **COURSE DESC:** Faculty-directed independent study in literature or language usually requiring reports and conferences with the instructor. A maximum of four credits may be applied to the M.A. degree. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 791
	VERSION: REV **COURSE:** ENG7910 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Faculty-directed independent study in literature or language usually requiring reports and conferences with the instructor. A maximum of three credits may be applied to the M.A. degree. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: ENG 791

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2983 **STATUS:** Complete **CREATOR:** Carol Loranger **CREATED:** 4/27/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** ENG799 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Spring 2010 **COURSE DESC:** To be arranged with the Director of Graduate Studies. Students will be allowed a maximum of eight hours thesis credit toward the degree. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: ENG 799
	VERSION: REV **COURSE:** ENG7990 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** To be arranged with the Director of Graduate Studies. Students will be allowed a maximum of three hours thesis credit toward the degree. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate; Department permission QTR EQUIV: ENG 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4844 **STATUS:** Complete **CREATOR:** Donald Cipollini **CREATED:** 9/1/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** REV **COURSE:** ES7010 - Selected Topics in Environmental Sciences **STUDENT REC TITLE:** Sel Topics in Env Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** New or existing courses for which a formal ES course designation does not yet exist, but for which an ES course designation may be warranted on a case by case basis. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture/Recitation Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2819 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 4/21/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ES702 - Subsurface Processes **STUDENT REC TITLE:** Subsurface Processes **EFFECTIVE:** Spring 2010 **COURSE DESC:** Transport, transformation, and fate of solutes and contaminants in the vadose zone and the saturated zone. Processes include their advection, dispersion, solution, volatilization, sorption, and acid-base, precipitation, complexation, oxidation-reduction, hydrolysis, microbial and isotopic reactions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ES7020 - Global Biogeochemical Cycles **STUDENT REC TITLE:** Biogeochemical Cycles **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course examines the how components of Earth (biosphere, hydrosphere, lithosphere, atmosphere)combine to affect how elements cycle through and between these components. This understanding forms the basis of the field of biogeochemistry. Topics include feedback loops, weathering, biological redox processes, nutrient cycling, gas fluxes, and how humans have modified Earth's biogeochemistry. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2339 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 3/16/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ES703 - Environmental Resource Sustainability **STUDENT REC TITLE:** Env Resource Sustain **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course will help students construct a framework for developing sustainable solutions to environmental problems. Potential technological, economic, and policy-related approaches to sustainability will be discussed for a variety of environmental problems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ES7030 - Environmental Resource Sustainability **STUDENT REC TITLE:** Env Resource Sustain **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will help students construct a framework for developing sustainable solutions to environmental problems. Potential technological, economic, and policy-related approaches to sustainability will be discussed for a variety of environmental problems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2935 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 4/26/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ES709 - Perspectives in Environmental Science **STUDENT REC TITLE:** Persepctives in Env Sci **EFFECTIVE:** Spring 2010 **COURSE DESC:** Explores current topics and contemporary research programs and ideas in Environmental Sciences. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ES7090 - Perspectives in Environmental Science **STUDENT REC TITLE:** Perspectives in Env Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores current topics and contemporary research programs and ideas in Environmental Sciences. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 3 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2353 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 3/17/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ES712 - Environmental Biology: Genes, Organisims, and Ecosystems **STUDENT REC TITLE:** Env BIo Genes Org & Eco **EFFECTIVE:** Spring 2010 **COURSE DESC:** Graduate level introduction to environmental biology at multiple levels of biological organization including molecular biology, organismal physiology and evolutionary biology, and community and ecosystem ecology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ES7120 - Environmental Biology: Genes, Organisims, and Ecosystems **STUDENT REC TITLE:** Env BIo Genes Org & Eco **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate level introduction to environmental biology at multiple levels of biological organization including molecular biology, organismal physiology and evolutionary biology, and community and ecosystem ecology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
641 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 12/2/09 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ES714 - Environmental Statistics **STUDENT REC TITLE:** Environmental Statistics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Statistical techniques for the modeling and analysis of spatial and time-series environmental data, including spatio-temporal analysis, using appropriate software. Applications and case studies. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ES 706 or Graduate level STT 706 or Graduate level STT 667 QTR EQUIV: ES 714
	VERSION: REV **COURSE:** ES7140 - Statistical Modeling for Environmental Data **STUDENT REC TITLE:** Environmental Statistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Statistical techniques for the modeling and analysis of environmental data including advanced regression techniques, generalized linear models, and random effects. Also modeling of spatial and time-series environmental data, including spatio-temporal analysis, using appropriate software. Applications and case studies. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 6300 XLIST: STT 7140 QTR PREREQ: Graduate level ES 706 or Graduate level STT 706 or Graduate level STT 667 QTR EQUIV: ES 714

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7401 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 2/11/11 **APPROVED:** 5/16/11 WorkFlow	**VERSION:** CURR **COURSE:** ES716 - Complexity in Env System **STUDENT REC TITLE:** Complexity in Env System **EFFECTIVE:** Spring 2011 **COURSE DESC:** Explores quantitative analysis, modeling and forecasting the behavior of nonlinear complex environmental systems. Introduces the concepts and tools for analyzing and modeling: scaling in space and time, feedback, and self-organization. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Bio Sci:Environmental Sciences Environmental Sciences
	VERSION: REV **COURSE:** ES7160 - Complexity in Environmental Systems **STUDENT REC TITLE:** Complexity in Env System **EFFECTIVE:** Fall 2012 **COURSE DESC:** This interdisciplinary course explores mathematical methods for quantitative analysis and modeling of complex nonlinear environmental systems. The course introduces the concepts and tools for analyzing and modeling: scaling in space and time, feedback, and self-organization in environmental systems including: ecology, hydrology, global climate change, and geodynamical systems. Two hours lecture and two hours lab are combined. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences PhD XLIST: EES 7100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2357 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 3/17/10 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** CURR **COURSE:** ES718 - Chemical Processes in the Environment **STUDENT REC TITLE:** Chem Processes in Envir **EFFECTIVE:** Spring 2010 **COURSE DESC:** Skills are developed to predict behavior and movement of chemical contaminants in atmospheric, aquatic and soil systems. Physical and chemical properties of contaminants and environmental interactions are evaluated to determine their ultimate fate. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Environmental Sciences
	VERSION: REV **COURSE:** ES7180 - Chemical Processes in the Environment **STUDENT REC TITLE:** Chem Processes in Envir **EFFECTIVE:** Fall 2012 **COURSE DESC:** Skills are developed to predict behavior and movement of chemical contaminants in atmospheric, aquatic and soil systems. Physical and chemical properties of contaminants and environmental interactions are evaluated to determine their ultimate fate. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Environmental Sciences PhD XLIST: CHM 7180

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2362 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 3/17/10 **APPROVED:** 6/17/11 WorkFlow	**VERSION:** CURR **COURSE:** ES765 - Computational Tools and Strategies in Environmental Sciences **STUDENT REC TITLE:** Comp Tools/Strategieses **EFFECTIVE:** Spring 2010 **COURSE DESC:** This is a survey course of modern computational tools and strategies used in sequence, 3-D structure and functional analysis of biomolecules. Students will gain hands on "laboratory" experience with key software and strategies. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sci - Intent May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** ES7650 - Computational Tools and Strategies in Biomed Sciences **STUDENT REC TITLE:** Comp Tools/Strategies **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is a survey course of modern computational tools and strategies used in sequence, 3-D structure and functional analysis of biomolecules. Students will gain hands on "laboratory" experience with key software and strategies. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences PhD program XLIST: BMB 7650, BMS 7650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2363 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 3/17/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ES799 - Indep Topics & Research **STUDENT REC TITLE:** Indep Topics & Research **EFFECTIVE:** Spring 2010 **COURSE DESC:** Research and problems designed for specific needs and talents of the students. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ES7990 - Indep Topics & Research **STUDENT REC TITLE:** Indep Topics & Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research and problems designed for specific needs and talents of the students. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 1 - 12 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2364 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 3/17/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ES808 - Internship Option **STUDENT REC TITLE:** Internship Option **EFFECTIVE:** Spring 2010 **COURSE DESC:** The internship option is available to second year PhD students wishing to gain experience with an environmental professional in an approved interdisciplinary job setting and providing opportunity to formulate a dissertation research topic. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ES8080 - Internship Option **STUDENT REC TITLE:** Internship Option **EFFECTIVE:** Fall 2012 **COURSE DESC:** The internship option is available to second year PhD students wishing to gain experience with an environmental professional in an approved interdisciplinary job setting and providing opportunity to formulate a dissertation research topic. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2368 **STATUS:** Complete **CREATOR:** Cathy Kempf **CREATED:** 3/17/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** ES813 - Dissertation Research **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Spring 2010 **COURSE DESC:** Planning and execution of scholarly original research of a quality that is publishable in a refereed scientific journal. Research must be communicated to the Supervisory Committee in written form and defended by public oral examination. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** ES8130 - Dissertation Research **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Planning and execution of scholarly original research of a quality that is publishable in a refereed scientific journal. Research must be communicated to the Supervisory Committee in written form and defended by public oral examination. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Programs: Environmental Sciences - PHD

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3027 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 5/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EXB650 - Clinical Exercise Physiology I **STUDENT REC TITLE:** Clinical Exercise Phys I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Study of clinical exercise physiology with an emphasis on the cardiopulmonary system which includes how to contruct, administer, and interpret various types of cardiopulmonary assessment instruments. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EXB 650
	VERSION: REV **COURSE:** EXB6500 - Clinical Exercise Physiology **STUDENT REC TITLE:** Clinical Exercise Phys **EFFECTIVE:** Fall 2012 **COURSE DESC:** A course designed to provide a working knowledge in the use of exercise as it related to the prevention of disease specific risk factors, the prevention of the first occurrence of a disease-specific event, and the prevention of a reoccurrence of a disease-specific event. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate COREQ: EXB 6500L XLIST: EXB 4500 QTR EQUIV: EXB 650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2522 **STATUS:** Complete **CREATOR:** Laura Buerschen **CREATED:** 3/30/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** EXB653 - Exercise Physiology I **STUDENT REC TITLE:** Exercise Physiology I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Theroretical and practical study of the effects of exercise on the human organism with specific consideration given to bioenergetics, neuromuscular concepts, respiration, acid base balances, cardiorespiratory responses, and endocrinology. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: EXB 653
	VERSION: REV **COURSE:** EXB6530 - Exercise Physiology **STUDENT REC TITLE:** Exercise Physiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** The crucial role exercise plays in an individuals well‐being is becoming ever more evident. Exercise physiology is an in‐depth study of the scientific aspects of the acute and chronic metabolic and physiological responses of the human body to exercise in health and disease. Exercise physiology as it is applied to fitness and performance as well as programs that distinguish between health‐related fitness and physiology of maximal performance are included. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate COREQ: BIO 6530L XLIST: BIO 4530 QTR EQUIV: EXB 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5375 **STATUS:** Complete **CREATOR:** Sharon Wik **CREATED:** 9/21/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** REV **COURSE:** FIN6120 - Fixed Income Securities Analysis **STUDENT REC TITLE:** Fixed Income Sec. Analys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the valuation of fixed income securities and the management of fixed income investment portfolios. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: MBA in Business. Or, by permission of the department chair and /or instructor SEM PREREQ: FIN 7120

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5378 **STATUS:** Complete **CREATOR:** Sharon Wik **CREATED:** 9/21/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** REV **COURSE:** FIN6130 - Derivatives **STUDENT REC TITLE:** Derivatives **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides students with an understanding of futures, options, and swaps. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: MBA. By permission of the department chair and /or instructor SEM PREREQ: FIN 7120

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5379 **STATUS:** Complete **CREATOR:** Sharon Wik **CREATED:** 9/21/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** REV **COURSE:** FIN6220 - Analysis of Corporate Financial Information **STUDENT REC TITLE:** Analysis Corp. Fin. Info **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course analyzes corporate financial information from an investment analyst perspective. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: MBA. By permission of the department chair and/or instructor. SEM PREREQ: FIN 7120

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1624 **STATUS:** Complete **CREATOR:** Sharon Wik **CREATED:** 1/13/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** FIN710 - Investment Management **STUDENT REC TITLE:** Investment Management **EFFECTIVE:** Winter 2010 **COURSE DESC:** Concepts, theories, and techniques underlying the development of investment policies and strategies. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: FIN 710
	VERSION: REV **COURSE:** FIN7120 - Investing in Securities **STUDENT REC TITLE:** Investing in Securities **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts, theories, and techniques underlying the development of investment policies and strategies. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business or by permission by the department chair or instructor. SEM PREREQ: MBA 5300 or equivalent QTR EQUIV: FIN 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5388 **STATUS:** Complete **CREATOR:** Sharon Wik **CREATED:** 9/21/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** FIN742 - Seminar in Financial Management **STUDENT REC TITLE:** Sem in Financial Managemt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Advanced treatment of the theory and practice of long-term financial management. Topics include dividends, leasing, hybrid financing, derivatives and risk management, mergers and acquisitions, and divestitures. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level MBA 730 QTR EQUIV: FIN 742
	VERSION: REV **COURSE:** FIN7240 - Seminar in Corporate Finance **STUDENT REC TITLE:** Sem in Corp. Finance **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced treatment of the theory and practice of long-term financial management. Topics include dividends, leasing, hybrid financing, derivatives and risk management, mergers and acquisitions, and divestitures. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: MBA in Business. Other: By permission of the department chair and/or instructor. SEM PREREQ: MBA 7300 QTR PREREQ: Graduate level MBA 730 QTR EQUIV: FIN 742

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5389 **STATUS:** Complete **CREATOR:** Sharon Wik **CREATED:** 9/21/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** FIN790 - Seminar in International Financial Management **STUDENT REC TITLE:** Sem Interntl Fin Manag **EFFECTIVE:** Fall 2010 **COURSE DESC:** Advanced treatment of the concepts and techniques of international financial management. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level MBA 730 QTR EQUIV: FIN 790
	VERSION: REV **COURSE:** FIN7250 - Seminar in International Financial Management **STUDENT REC TITLE:** Sem Interntl Fin Mngt. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced treatment of the concepts and techniques of international financial management. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: MBA in Business. Other: By permission of the department chair and/or instructor. SEM PREREQ: MBA 7300 QTR PREREQ: Graduate level MBA 730 QTR EQUIV: FIN 790

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1628 **STATUS:** Complete **CREATOR:** Sharon Wik **CREATED:** 1/13/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** FIN750 - Financial Management of Health Service Organizations **STUDENT REC TITLE:** Fin Mgt Health Care Organ **EFFECTIVE:** Winter 2010 **COURSE DESC:** Overview of the financial management function in health care organizations. Topics include budgeting, control, capital expenditure analysis, and rate settings. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level MBA 730 QTR EQUIV: FIN 750
	VERSION: REV **COURSE:** FIN7500 - Financial Management of Health Service Organizations **STUDENT REC TITLE:** Fin Mgt Health Care Org **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of the financial management function in health care organizations. Topics include budgeting, control, capital expenditure analysis, and rate settings. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: MBA or MPH. Must be enrolled in one of the following Colleges: School of Medicine SEM PREREQ: Graduate level MBA 7300 SPC FEE: MPH Program Fee (2030), $153 QTR PREREQ: Graduate level MBA 730 QTR EQUIV: FIN 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1025 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** FR511 - French Conversation **STUDENT REC TITLE:** French Conversation **EFFECTIVE:** Winter 2010 **COURSE DESC:** Practice in oral use of French emphasizing the culture of the French-speaking world. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 511
	VERSION: REV **COURSE:** FR5110 - French Conversation **STUDENT REC TITLE:** French Conversation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practice in oral use of French emphasizing the culture of the French-speaking world. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: FR 5110 and FR 5120 may be taken out of sequence. XLIST: FR 3110 QTR EQUIV: FR 511

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1026 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** FR512 - French Conversation **STUDENT REC TITLE:** French Conversation **EFFECTIVE:** Winter 2010 **COURSE DESC:** Practice in oral use of French emphasizing the culture of the French-speaking world. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 512
	VERSION: REV **COURSE:** FR5120 - Communication in French **STUDENT REC TITLE:** Communication in French **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practice in oral use of French emphasizing the culture of the French-speaking world. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: FR 5110 and FR 5120 may be taken out of sequence. XLIST: FR 3120 QTR EQUIV: FR 512

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8201 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 1/12/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** FR521 - French Composition **STUDENT REC TITLE:** French Composition **EFFECTIVE:** Fall 2012 **COURSE DESC:** Writing techniques and grammar review; written stylistic analyses. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 521
	VERSION: REV **COURSE:** FR5210 - Writing in French **STUDENT REC TITLE:** Writing in French **EFFECTIVE:** Fall 2012 **COURSE DESC:** Writing techniques and grammar review; written stylistic analyses. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 521

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1034 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR522 - French Composition **STUDENT REC TITLE:** French Composition **EFFECTIVE:** Winter 2010 **COURSE DESC:** Writing techniques and grammar review; written stylistic analyses. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 522
	VERSION: REV **COURSE:** FR5220 - Advanced Writing in French **STUDENT REC TITLE:** Adv Writing in French **EFFECTIVE:** Fall 2012 **COURSE DESC:** Writing techniques and grammar review; literary and film analysis incorporating grammar points. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: It is recommended but not required to take FR 5210 and FR 5220 in sequence. XLIST: FR 3220 QTR EQUIV: FR 522

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1032 **STATUS:** Process **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** FR525 - Business French **STUDENT REC TITLE:** Business French **EFFECTIVE:** Winter 2010 **COURSE DESC:** An introduction to the language of business French with insight into France's place in the global economy. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 525
	VERSION: REV **COURSE:** FR5250 - Business French **STUDENT REC TITLE:** Business French **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the language and practices of business French with insight into France's place in the global economy. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: FR 3250 QTR EQUIV: FR 525

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1036 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** FR531 - Survey of French Literature **STUDENT REC TITLE:** Survey of French Lit **EFFECTIVE:** Winter 2010 **COURSE DESC:** Middle Ages to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 531
	VERSION: REV **COURSE:** FR5310 - Survey of French Literature **STUDENT REC TITLE:** Survey of French Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Middle Ages to the present. An overview of trends, thoughts and style. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: FR 3310 QTR EQUIV: FR 531

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1037 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** FR532 - Survey of Francophone Lit **STUDENT REC TITLE:** Survey of Francophone Lit **EFFECTIVE:** Winter 2010 **COURSE DESC:** Survey of literature from one or more regions of the Francophone world. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 532
	VERSION: REV **COURSE:** FR5320 - Survey of Francophone Lit **STUDENT REC TITLE:** Survey of Francophone Li **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the culture and literature from one or more regions of the French speaking world. Topics vary. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or undergraduate major or minor in French XLIST: FR 3320 QTR EQUIV: FR 532

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1042 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** FR551 - French Civilization **STUDENT REC TITLE:** French Civilization **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of the main currents of French civilization with emphasis on historical aspects. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level FR 511 or Graduate level FR 512 or Graduate level FR 521 or Graduate level FR 522 or Graduate level FR 523 QTR EQUIV: FR 551
	VERSION: REV **COURSE:** FR5510 - French Civilization **STUDENT REC TITLE:** French Civilization **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the main currents of French civilization with emphasis on historical aspects. Conducted in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or undergraduate major or minor in French. XLIST: FR 3510 QTR PREREQ: Graduate level FR 511 or Graduate level FR 512 or Graduate level FR 521 or Graduate level FR 522 or Graduate level FR 523 QTR EQUIV: FR 551

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8205 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 1/12/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** REV **COURSE:** FR5610 - French Phonetics **STUDENT REC TITLE:** French Phonetics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Pronunciation, diction, rhythm, and intonation. Transcription exercises and oral production. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: FR 3610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1043 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR581 - Applied Elementary French Instruction **STUDENT REC TITLE:** Applied Elem Fr Instr **EFFECTIVE:** Winter 2010 **COURSE DESC:** Assistance for elementary course instructors in conducting French classes. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 581
	VERSION: REV **COURSE:** FR5810 - Applied Elementary French Instruction **STUDENT REC TITLE:** Applied Elem Fr Instr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate students assist FR 1010 or FR 1020 course instructors in conducting French classes. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or undergraduate major or minor in French XLIST: FR 3810 QTR EQUIV: FR 581

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1044 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** FR582 - Applied Elementary Language Learning **STUDENT REC TITLE:** Applied Elementary Lang **EFFECTIVE:** Winter 2010 **COURSE DESC:** Graduate students assist elementary course instructors in conducting classes. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 582
	VERSION: REV **COURSE:** FR5820 - Applied Elementary Language Learning **STUDENT REC TITLE:** Applied Elementary Lang **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate students assist FR 1010 or 1020 course instructors in conducting classes. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or undergraduate major or minor in French XLIST: FR 3820 QTR EQUIV: FR 582

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3400 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 5/21/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR583 - Applied Elementary Language Learning **STUDENT REC TITLE:** Applied Elementary Lang **EFFECTIVE:** Winter 2010 **COURSE DESC:** Graduate students assist elementary course instructors in conducting class. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 583
	VERSION: REV **COURSE:** FR5830 - Applied Elementary Language Learning **STUDENT REC TITLE:** Applied Elementary Lang **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate students assist FR 1010 or FR 1020 course instructors in conducting class. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or undergraduate major or minor in French XLIST: FR 3830 QTR EQUIV: FR 583

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8206 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 1/12/12 **APPROVED:** 2/7/12 WorkFlow	**VERSION:** CURR **COURSE:** FR590 - Foreign Language Institute **STUDENT REC TITLE:** Foreign Lang Institute **EFFECTIVE:** Fall 2012 **COURSE DESC:** For teachers of French. Intensive experience designed, through total immersion, to improve language skills (conversation and composition) and increase awareness of French civilization and contemporary culture. **COLLEGE:** College of Liberal Arts **CRED HR:** 8 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 590
	VERSION: REV **COURSE:** FR5900 - Foreign Language Institute **STUDENT REC TITLE:** Foreign Lang Institute **EFFECTIVE:** Fall 2012 **COURSE DESC:** For teachers of French. Intensive experience designed, through total immersion, to improve language skills (conversation and composition) and increase awareness of French civilization and contemporary culture. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 590

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1047 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/14/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** FR599 - Studies in selected subjects **STUDENT REC TITLE:** Studies in Selected Subj **EFFECTIVE:** Winter 2010 **COURSE DESC:** Graduate level treatment to problems, approaches and topics in the field of French. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 599
	VERSION: REV **COURSE:** FR5990 - Studies in selected subjects **STUDENT REC TITLE:** Studies in Selected Subj **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate level research and writing in the field of French. Topics vary. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or undergraduate major or minor in French XLIST: FR 3990 QTR EQUIV: FR 599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1066 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** FR603 - Advanced Studies: Language/Civilization **STUDENT REC TITLE:** Adv Studies: Lang Civiliza **EFFECTIVE:** Winter 2010 **COURSE DESC:** Course content will vary. Topic chosen by instructor. Conducted in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 603
	VERSION: REV **COURSE:** FR6030 - Advanced Studies: Language/Civilization **STUDENT REC TITLE:** Adv Studies: Lang Civili **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course content will vary. Topic chosen by instructor. Conducted in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4030 QTR EQUIV: FR 603

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1071 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** REV **COURSE:** FR6210 - Literature of the Middle Ages **STUDENT REC TITLE:** Lit of the Middle Ages **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected medieval texts: epic poems, romances, and plays. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4210 QTR EQUIV: FR 621

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1072 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR642 - Seventeenth and Eighteenth Century Theatre **STUDENT REC TITLE:** 17th & 18th Cent Theatre **EFFECTIVE:** Winter 2010 **COURSE DESC:** Works of Corneille, Moliere, Racine, Marivaux, Diderot, Voltaire, Beaumarchais. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 642
	VERSION: REV **COURSE:** FR6420 - Seventeenth and Twentieth Century Theatre **STUDENT REC TITLE:** 17th & 20th Cent Theatre **EFFECTIVE:** Fall 2012 **COURSE DESC:** Themes of destiny and divinity in 17th and 20th century French drama. Analysis of plays and their socio-historical context. Playwrites such as Corneille, Racine, Molière, Giraudoux, Sartre, Beckett, and Ionesco. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4420 QTR EQUIV: FR 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1073 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR653 - Poetry from Baudelaire to Breton **STUDENT REC TITLE:** Poetry: Baudel. to Breton **EFFECTIVE:** Winter 2010 **COURSE DESC:** Symbolists, Decadents, and Surrealists. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 653
	VERSION: REV **COURSE:** FR6530 - Post-Revolutionary Poetry **STUDENT REC TITLE:** Post Revolution Poetry **EFFECTIVE:** Fall 2012 **COURSE DESC:** Romantics, symbolists, decadents, and surrealists, including Baudelaire, Rimbaud, Verlaine, Mallarmé, Apollinaire and Prévert. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4530 QTR EQUIV: FR 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1074 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR654 - 19th Century Short Story **STUDENT REC TITLE:** 19th Century Short Story **EFFECTIVE:** Winter 2010 **COURSE DESC:** Intensive study of such authors as Balzac, Stendhal, Nodier, Mirimie, Flaubert, Maupassant, and Huysmans. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 654
	VERSION: REV **COURSE:** FR6540 - 19th Century Short Story **STUDENT REC TITLE:** 19th Century Short Story **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of short stories by such authors as Mérimée, Gautier, Balzac, Daudet, Flaubert, Stendhal, Maupassant, Huysmans and Villiers de l'Isle Adam. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4540 QTR EQUIV: FR 654

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1076 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR663 - Twentieth Century Literature: Drama **STUDENT REC TITLE:** 20th Cent Lit: Drama **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of modern French theatre including: Cocteau, Giraudoux, Anouilh, Beckett, Ionesco. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 663
	VERSION: REV **COURSE:** FR6630 - Twentieth Century Literature: Drama **STUDENT REC TITLE:** 20th Cent Lit: Drama **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of modern French theatre including: Cocteau, Giraudoux, Anouilh, Beckett, Ionesco, Césaire, Duras, Genet and Sartre. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4630 QTR EQUIV: FR 663

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1077 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** REV **COURSE:** FR6640 - French Canadian Lit & Film **STUDENT REC TITLE:** FR Canadian Lit & Film **EFFECTIVE:** Fall 2012 **COURSE DESC:** French Canadian literature and film in its socio-historical context, with focus on works of Acadian and Quebeçois poets, novelists and playwrights (such as Maillet, Tremblay, Thériault) and filmmakers (such as Forest, Chiasson, Bélanger, Mitrani, Saia and Filiatrault). Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1078 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR665 - Problems in French Literature **STUDENT REC TITLE:** Problems in French Lit **EFFECTIVE:** Winter 2010 **COURSE DESC:** Examination of selected topics in French literature to investigate various themes, myths, genres, literary movements, or characters. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 665
	VERSION: REV **COURSE:** FR6650 - Advanced Topics in French Literature and Film **STUDENT REC TITLE:** Topics in FR Lit & Film **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of selected topics in French literature and film. Investigation of various themes, myths, genres, literary movements or characters. Titles vary. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4650 QTR EQUIV: FR 665

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1079 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR681 - Independent Reading for Graduate Students **STUDENT REC TITLE:** Ind Read for Grad Student **EFFECTIVE:** Winter 2010 **COURSE DESC:** Independent reading for graduate students. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 681
	VERSION: REV **COURSE:** FR6810 - Independent Reading for Graduate Students **STUDENT REC TITLE:** Ind Read for Grad Studen **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent reading for graduate students. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4810 QTR EQUIV: FR 681

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1080 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR682 - Independent Reading for Graduate Students **STUDENT REC TITLE:** Ind Read for Grad Student **EFFECTIVE:** Winter 2010 **COURSE DESC:** Independent reading for graduate students. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: FR 682
	VERSION: REV **COURSE:** FR6820 - Independent Reading for Graduate Students **STUDENT REC TITLE:** Ind Read for Grad Studen **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent reading for graduate students. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: FR 5110 or FR 5120 or FR 5210 or FR 5220 or a completed major or minor in French. XLIST: FR 4820 QTR EQUIV: FR 682

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1081 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 12/15/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** FR691 - Histoire du Cinema Francais **STUDENT REC TITLE:** Histoire du Cinema Fran **EFFECTIVE:** Winter 2010 **COURSE DESC:** Survey of the main movements of French cinema from 1895 to the present. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: FR 691
	VERSION: REV **COURSE:** FR6910 - History of French Film **STUDENT REC TITLE:** History of French Film **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of the main movements of French cinema from 1895 to the present, featuring works by directors such as Vigo, Renoir, Carné, Cocteau, Tati, Bresson, Truffaut, Resnais, Godard, Varda, etc. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Native speakers and other qualified students may enroll with Instructor Permission. XLIST: FR 4910 QTR EQUIV: FR 691

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2582 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 4/2/10 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** REV **COURSE:** FR6920 - Fr Film: Occupation, Collaboration and Resistance **STUDENT REC TITLE:** Fren Occupation Films **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of films made during and after the Occupation of France, such as L'Oeil de Vichy, Le Dernier Métro, Lacombe Lucien, L'Armée des Ombres, Au revoir les enfants, etc. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in graduate level. ADD INFO: Native French speakers and other qualified students may enroll with permission from the professor. SEM PREREQ: FR 5210 or FR 5220 or completed French major or minor QTR PREREQ: FR 521 or FR 522 or FR 523 or completed French major or minor QTR EQUIV: FR 692

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2583 **STATUS:** Complete **CREATOR:** Kirsten Halling **CREATED:** 4/2/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** REV **COURSE:** FR6930 - Americanization of French Film **STUDENT REC TITLE:** Franco-American Films **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will examine the Americanization of selected French language films as a powerful tool for cross-cultural comparison. Film pairs analyzed will include Breathless and À Bout de souffle, Les Visiteurs and Just Visiting, La Femme infidèle and Unfaithful,etc. Taught in French. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Native speakers and other qualified students may enroll with Instructor Permission. SEM PREREQ: FR 5210 or FR 5220 or completed major or minor in French. QTR PREREQ: FR 521 or Fr 522 or FR 523 or completed major or minor in French.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7879 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 6/24/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** CURR **COURSE:** GEO361 - Remote Sensing **STUDENT REC TITLE:** Remote Sensing **EFFECTIVE:** Fall 2011 **COURSE DESC:** Basic survey of imaging remote sensor types and their operational characteristics including sensors for the ultraviolet, visual, infrared, and microwave portions of the electromagnetic spectrum. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture
	VERSION: REV **COURSE:** GEO6100 - Remote Sensing **STUDENT REC TITLE:** Remote Sensing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of remote sensing spatial analysis. Applications, technology, and spatial measurements used to interpret remote sensed images. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 XLIST: GEO 4100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7881 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 6/24/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** CURR **COURSE:** GEO662 - Remote Sensing of the Environment **STUDENT REC TITLE:** Remote Sensing of Envir **EFFECTIVE:** Fall 2011 **COURSE DESC:** Application of remote sensing techniques to environmental and resource problems. Emphasis on optimizing sensor selection to enhance image information content. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GEO 662
	VERSION: REV **COURSE:** GEO6200 - Remote Sensing Applications **STUDENT REC TITLE:** Remote Sensing of Envir **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of geographic methodology to social, political and environmental problems utilizing remote sensed images. Development of capacity to interpret remote sensed data and then select a topic and complete an analysis of imagery data. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: GEO 4200 QTR EQUIV: GEO 662

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
6565 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 11/16/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** GEO665 - Cartography **STUDENT REC TITLE:** Cartography **EFFECTIVE:** Winter 2011 **COURSE DESC:** Principles of map projections and their construction and use in illustrating geographic relationships. Includes methods of design, compilation, and graphic representation of data. 4 hours lecture, 1 hour lab. **COLLEGE:** College of Liberal Arts **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GEO 665
	VERSION: REV **COURSE:** GEO6410 - Cartography **STUDENT REC TITLE:** Cartography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the basic concepts of cartography, including components of maps, coordinate system, spatial projections, and map design. Special emphasis placed on data, computational methods and ethical cartographic practices. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000 and URS 7010 XLIST: GEO 4410 QTR EQUIV: GEO 665

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
6981 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 1/24/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** GEO647 - Geographic Information Science Principles **STUDENT REC TITLE:** Geographic Info Sci Prin **EFFECTIVE:** Spring 2011 **COURSE DESC:** Principles, structures, and applications of geographic information systems and use of data from topographic, remotely sensed, and photogrammetric sources. **COLLEGE:** College of Liberal Arts **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GEO 647
	VERSION: REV **COURSE:** GEO6430 - Geographic Information Science Principles **STUDENT REC TITLE:** Geographic Info Sci Prin **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the principles, structure and application of macro and micro spatial analytical techniques. Utilizes state-of-the art software to create map layers that can be stacked and interpreted. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000 and URS 7010 XLIST: GEO 4430 QTR EQUIV: GEO 647

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6982 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 1/24/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** GEO648 - Advanced Geographic Information Science **STUDENT REC TITLE:** Adv Geographic Info Sci **EFFECTIVE:** Spring 2011 **COURSE DESC:** Students apply GIS techniques to solve public/private sector information and development problems. Solutions entail data analysis and forecasting, using ARC/INFO geographic information system methods. **COLLEGE:** College of Liberal Arts **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: GEO 647 QTR EQUIV: GEO 648
	VERSION: REV **COURSE:** GEO6440 - Advanced Geographic Information Applications **STUDENT REC TITLE:** Adv GIS Applications **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of advanced geo-spatial analysis techniques using ArcView and ArcGIS software. GIS analysis and technology used to describe spatial elements of public and private sector development issues and to forecast change. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: GEO 6430 XLIST: GEO 4440 QTR PREREQ: GEO 647 QTR EQUIV: GEO 648

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5988 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/4/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** GEO655 - Geography of Transportation **STUDENT REC TITLE:** Geo of Transportation **EFFECTIVE:** Winter 2011 **COURSE DESC:** Analysis of spatial aspects and structural characteristics of transport networks, the movement of goods, and their relationship to regional structures. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** GEO6460 - Transportation Principles **STUDENT REC TITLE:** Transportation Principle **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of principles related to developing and managing public and human service transportation systems. Examines role of public and human service transportation in society, the history and geography of public transportation, and spatial, funding, organizational, cost benefit, labor, and customer service issues. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4460, GEO 4460, URS 6460

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6567 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 11/16/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** GEO655 - Geography of Transportation **STUDENT REC TITLE:** Geo of Transportation **EFFECTIVE:** Winter 2011 **COURSE DESC:** Analysis of spatial aspects and structural characteristics of transport networks, the movement of goods, and their relationship to regional structures. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GEO 655
	VERSION: REV **COURSE:** URS6460 - Transportation Principles **STUDENT REC TITLE:** Transportation Principle **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of principles related to developing and managing public and human service transportation systems. Examination of the role of public and human service transportation in society, history and geography of public transportation, and spatial, funding, organizational, cost benefit, labor, and customer service issues. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000; URS 7010 XLIST: URS 4460, GEO 4460, GEO 6460 QTR EQUIV: GEO 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2069 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 2/16/10 **APPROVED:** 7/7/10 WorkFlow	**VERSION:** CURR **COURSE:** GER331 - Survey of German Literature **STUDENT REC TITLE:** Survey of German Lit **EFFECTIVE:** Spring 2010 **COURSE DESC:** Historical survey of German literature from its beginning to the present. 331: Literature of the Middle Ages, Renaissance, Reformation, Enlightenment, and Storm and Stress. 332: Classicism, Romanticism, Poetic Realism, and Modern Period. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR PREREQ: GER 203 QTR EQUIV: GER 331
	VERSION: CURR **COURSE:** GER331 - Survey of German Literature **STUDENT REC TITLE:** Survey of German Lit **EFFECTIVE:** Spring 2010 **COURSE DESC:** Historical survey of German literature from its beginning to the present. 331: Literature of the Middle Ages, Renaissance, Reformation, Enlightenment, and Storm and Stress. 332: Classicism, Romanticism, Poetic Realism, and Modern Period. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR EQUIV: GER 531
	VERSION: REV **COURSE:** GER3310 - Survey of German Literature **STUDENT REC TITLE:** Survey of German Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical survey of German literature from its beginning to the present. 331: Literature of the Middle Ages, Renaissance, Reformation, Enlightenment, and Storm and Stress. 332: Classicism, Romanticism, Poetic Realism, and Modern Period. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Taught in German SEM PREREQ: GER 203 XLIST: GER 3310 QTR EQUIV: GER 531

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2069 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 2/16/10 **APPROVED:** 7/7/10 WorkFlow	**VERSION:** REV **COURSE:** GER3310 - Survey of German Literature **STUDENT REC TITLE:** Survey of German Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical survey of German literature from its beginning to the present. 331: Literature of the Middle Ages, Renaissance, Reformation, Enlightenment, and Storm and Stress. 332: Classicism, Romanticism, Poetic Realism, and Modern Period. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Taught in German SEM PREREQ: GER 203 QTR PREREQ: GER 203 QTR EQUIV: GER 331
	VERSION: REV **COURSE:** GER5310 - Survey of German Literature **STUDENT REC TITLE:** Survey of German Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical survey of German literature from its beginning to the present. 331: Literature of the Middle Ages, Renaissance, Reformation, Enlightenment, and Storm and Stress. 332: Classicism, Romanticism, Poetic Realism, and Modern Period. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Taught in German XLIST: GER 3310 QTR EQUIV: GER 531
	VERSION: REV **COURSE:** GER5310 - Survey of German Literature **STUDENT REC TITLE:** Survey of German Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical survey of German literature from its beginning to the present. 331: Literature of the Middle Ages, Renaissance, Reformation, Enlightenment, and Storm and Stress. 332: Classicism, Romanticism, Poetic Realism, and Modern Period. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2069 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 2/16/10 **APPROVED:** 7/7/10 WorkFlow	REP HRS: 0 REP TIMES: 0 ADD INFO: Taught in German QTR PREREQ: GER 203 QTR EQUIV: GER 331

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2082 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 2/16/10 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** REV **COURSE:** GER5110 - German Conversation I **STUDENT REC TITLE:** German Conversation I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasis on the culture of the German-speaking world. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in German. XLIST: GER 3110 QTR EQUIV: GER 511

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7896 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 7/6/11 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** REV **COURSE:** GER5210 - Writing in German **STUDENT REC TITLE:** Writing in German **EFFECTIVE:** Fall 2012 **COURSE DESC:** Oral and written composition in German; translations from English into German. Further grammar study. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7893 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 7/6/11 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** REV **COURSE:** GER5220 - Advanced Writing in German **STUDENT REC TITLE:** Adv. Writing in German **EFFECTIVE:** Fall 2012 **COURSE DESC:** Oral and written composition in German; translations from English into German. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in German.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7890 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 7/6/11 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** REV **COURSE:** GER5260 - Business German II **STUDENT REC TITLE:** Business German II **EFFECTIVE:** Fall 2012 **COURSE DESC:** An advanced study of the language of business German with insight into Germany's place in the global economy. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in German SEM PREREQ: GER 5250 QTR PREREQ: Graduate level GER 525 Minimum, QTR EQUIV: GER 526

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2091 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 2/16/10 **APPROVED:** 7/7/10 WorkFlow	**VERSION:** REV **COURSE:** GER5510 - German Culture and Civilization **STUDENT REC TITLE:** German Culture and Civil **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of the contribution of German-speaking people to world culture in art, music, science, education, philosophy, and religion. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Taught in German. SEM PREREQ: GER 3110 or GER 3120 or GER 3210 or GER 3220 XLIST: GER 3510 QTR EQUIV: GER 551

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7986 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 9/4/11 **APPROVED:** 9/15/11 WorkFlow	**VERSION:** CURR **COURSE:** GER603 - Advanced Studies: Welt-Krieg-Kaltaer Krieg-Wiederuereinigung **STUDENT REC TITLE:** Language Civilization **EFFECTIVE:** Fall 2011 **COURSE DESC:** Course content varies. Topic chosen by instructor. Conducted in German. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: GER 603
	VERSION: REV **COURSE:** GER6030 - Advanced Studies: Language and Civilization **STUDENT REC TITLE:** Adv. Studies: Lang & Civ **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced level course on German or German-American literature, culture or film. Topics vary. Taught in German. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: GER 5110 or GER 5120 or GER 5220 or a completed major or minor in German XLIST: GER 4030 QTR EQUIV: GER 603
	VERSION: REV **COURSE:** GER6030 - Advanced Studies: Language and Civilization **STUDENT REC TITLE:** Adv. Studies: Lang & Civ **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced level course on German or German-American literature, culture or film. Topics vary. Taught in German. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: GER 5110 or GER 5120 or GER 5220 or a completed major or minor in German QTR EQUIV: GER 603
	VERSION: REV

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7986 **STATUS:** Complete **CREATOR:** Elfe Dona **CREATED:** 9/4/11 **APPROVED:** 9/15/11 WorkFlow	**COURSE:** GER6030 - Advanced Studies: Language and Civilization **STUDENT REC TITLE:** Adv. Studies: Lang & Civ **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course content varies. Topic chosen by instructor. Conducted in German. 3.0 Credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Cross Listed Course: GER 4030 SEM PREREQ: GER 5110 or GER 5120 or GER 5220 or a completed major or minor in German XLIST: GER 4030 QTR EQUIV: GER 603
	VERSION: REV **COURSE:** GER6030 - Advanced Studies: Language and Civilization **STUDENT REC TITLE:** Adv. Studies: Lang & Civ **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course content varies. Topic chosen by instructor. Conducted in German. 3.0 Credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Cross Listed Course: GER 4030 SEM PREREQ: GER 5110 or GER 5120 or GER 5220 or a completed major or minor in German QTR EQUIV: GER 603

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5496 **STATUS:** Complete **CREATOR:** Bruce Laforse **CREATED:** 9/23/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** GR6810 - Independent Reading in Greek **STUDENT REC TITLE:** Ind Reading in Greek **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading and discussion of selected works of Greek literature with emphasis on grammatical, rhetorical, literary, and cultural analysis and criticism. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. ADD INFO: Permission of faculty and a minimum 3.5 GPA required.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1123 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HED770 - Social and Behavioral Detriments of Health **STUDENT REC TITLE:** Social Behavior Health **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course addresses the social-ecological and behavioral determinants of health status and the role of theory-based interventions in alerting health behavior and status. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HED 770
	VERSION: REV **COURSE:** HED7700 - Social and Behavioral Detriments of Health **STUDENT REC TITLE:** Social Behavior Health **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course addresses the social-ecological and behavioral determinants of health status and the role of theory-based interventions in alerting health behavior and status. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Public Health - MPH Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HED 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1125 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HED775 - Application Research HPR **STUDENT REC TITLE:** Application Research HPR **EFFECTIVE:** Winter 2010 **COURSE DESC:** his seminar course addresses the public health priorities for the nation and current health promotion initiatives to alter health behaviors, health status and health disparaties. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Classroom Teacher - MED Public Health - MPH Classroom Teacher - MA May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HED 775
	VERSION: REV **COURSE:** HED7750 - Application Research HPR **STUDENT REC TITLE:** Application Research HPR **EFFECTIVE:** Fall 2012 **COURSE DESC:** This seminar course addresses the public health priorities for the nation and current health promotion initiatives to alter health behaviors, health status and health disparaties. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Programs: Classroom Teacher - MED Public Health - MPH Classroom Teacher - MA May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HED 775

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1111 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR640 - The Role of Nurse in Schools **STUDENT REC TITLE:** The Role of Nurse in Schools **EFFECTIVE:** Winter 2010 **COURSE DESC:** The nurse as a member of the school health service team. Topics include educational foundations, administration of school health programs, school health services and environment, health counseling (including mental health), and legal and ethical issues. Instructor permission required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 640
	VERSION: REV **COURSE:** KNH6400 - The Role of Nurse in Schools **STUDENT REC TITLE:** The Role of Nurse in Sch **EFFECTIVE:** Fall 2012 **COURSE DESC:** The nurse as a member of the school health service team. Topics include educational foundations, administration of school health programs, school health services and environment, health counseling (including mental health), and legal and ethical issues. Instructor permission required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 10 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1634 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 1/13/10 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR643 - School Nursing Practicum **STUDENT REC TITLE:** School Nursing Practicum **EFFECTIVE:** Winter 2010 **COURSE DESC:** An opportunity for the student to take full responsibility for the application of principles of school health in a school setting under supervision of qualified university and school personnel. May be taken for a letter grade or pass/unsatisfactory. Instructor permission required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level HPR 640 QTR EQUIV: HPR 643
	VERSION: REV **COURSE:** KNH6430 - School Nursing Practicum **STUDENT REC TITLE:** School Nursing Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** An opportunity for the student to take full responsibility for the application of principles of school health in a school setting under supervision of qualified university and school personnel. May be taken for a letter grade or pass/unsatisfactory. Instructor permission required. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 10 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level HPR 640 QTR EQUIV: HPR 643

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1113 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR688 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Winter 2010 **COURSE DESC:** Independent reading, writing, and/or reporting in an area related to health, physical education, or recreation. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 688
	VERSION: REV **COURSE:** KNH6880 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent reading, writing, and/or reporting in an area related to health, physical education, or recreation. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 688

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1114 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR689 - Workshop in Health,PE & Rec **STUDENT REC TITLE:** Workshop in Health,PE & Rec **EFFECTIVE:** Winter 2010 **COURSE DESC:** Intensive study of content, curriculum, method, or materials designed to meet the needs of pre-service and in-service professionals in health, physical education, and recreation. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 689
	VERSION: REV **COURSE:** KNH6890 - Workshop in Health, PE & Rec **STUDENT REC TITLE:** Wrkshp in Health,PE&Rec **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of content, curriculum, method, or materials designed to meet the needs of pre-service and in-service professionals in health, physical education, and recreation. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture, Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 689

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1115 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR710 - Phys Ed for Chdrn w/Spec Needs **STUDENT REC TITLE:** Phys Ed for Chdrn w/Spec Needs **EFFECTIVE:** Winter 2010 **COURSE DESC:** Assessing students with handicapping conditions, planning appropriate physical activities based on this assessment, and providing the activities described in the plan. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 212 QTR EQUIV: HPR 710
	VERSION: REV **COURSE:** KNH7100 - Phys Ed for Chdrn w/Spec Needs **STUDENT REC TITLE:** Phys Ed for Chdrn w/Spec **EFFECTIVE:** Fall 2012 **COURSE DESC:** Assessing students with handicapping conditions, planning appropriate physical activities based on this assessment, and providing the activities described in the plan. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 212 QTR EQUIV: HPR 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1116 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR712 - Motor Dev:Low Incidence Dsblty **STUDENT REC TITLE:** Motor Dev:Low Incidence Dsblty **EFFECTIVE:** Winter 2010 **COURSE DESC:** Understand how disabilities impact psychomotor development, ADL, mobility, and independence of individuals with disabilities. Knowledge of activities that contribute to an active lifestyle. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 712
	VERSION: REV **COURSE:** KNH7120 - Motor Dev: Low Incidence Dsblty **STUDENT REC TITLE:** Motor Dev:Low Incidence **EFFECTIVE:** Fall 2012 **COURSE DESC:** Understand how disabilities impact psychomotor development, ADL, mobility, and independence of individuals with disabilities. Knowledge of activities that contribute to an active lifestyle. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 712

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1117 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR740 - Admin-Intersholastic Athletics **STUDENT REC TITLE:** Admin-Intersholastic Athletics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Ways of directing interscholastic athletic programs. Emphasis on personnel administration, program development, facility management, fiscal management, and winning community and professional support. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 340 QTR EQUIV: HPR 740
	VERSION: REV **COURSE:** KNH7400 - Admin-Interscholastic Athletics **STUDENT REC TITLE:** Admn-Interscholastic Ath **EFFECTIVE:** Fall 2012 **COURSE DESC:** Ways of directing interscholastic athletic programs. Emphasis on personnel administration, program development, facility management, fiscal management, and winning community and professional support. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 340 QTR EQUIV: HPR 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1118 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR750 - Scientific Foundtns-Conditiong **STUDENT REC TITLE:** Scientific Foundtns-Conditiong **EFFECTIVE:** Winter 2010 **COURSE DESC:** A study of scientific foundations for conditioning. Topics will include: excercise training techniques, heart rate, blood pressure, ventilation, strength, flexibility, and body composition. Laboratory methods will also be a part of this course. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 355 QTR EQUIV: HPR 750
	VERSION: REV **COURSE:** KNH7500 - Scientific Foundtns-Conditiong **STUDENT REC TITLE:** Scientific Foundtns-Cond **EFFECTIVE:** Fall 2012 **COURSE DESC:** A study of scientific foundations for conditioning. Topics will include: excercise training techniques, heart rate, blood pressure, ventilation, strength, flexibility, and body composition. Laboratory methods will also be a part of this course. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 355 QTR EQUIV: HPR 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1119 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR753 - Assessment - Physical Activity **STUDENT REC TITLE:** Assessment - Physical Activity **EFFECTIVE:** Winter 2010 **COURSE DESC:** Focuses on selection of measurement materials, techniques of test administration, and essential statistical methods for scientific evaluation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 481 QTR EQUIV: HPR 753
	VERSION: REV **COURSE:** KNH7530 - Assessment - Physical Activity **STUDENT REC TITLE:** Assessment - Physical Ac **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on selection of measurement materials, techniques of test administration, and essential statistical methods for scientific evaluation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 481 QTR EQUIV: HPR 753

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1120 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR760 - Adv Athletic Training Tchnques **STUDENT REC TITLE:** Adv Athletic Training Tchnques **EFFECTIVE:** Winter 2010 **COURSE DESC:** Examination of trauma, contusions, hematoma, strains, sprains, fractures, open wounds, and dislocations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 261 QTR EQUIV: HPR 760
	VERSION: REV **COURSE:** KNH7600 - Adv Athletic Training Tchnques **STUDENT REC TITLE:** Adv Athletic Training Tc **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of trauma, contusions, hematoma, strains, sprains, fractures, open wounds, and dislocations. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HPR 261 QTR EQUIV: HPR 760

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1122 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 12/17/09 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** HPR780 - Research Methods & Prog Eval **STUDENT REC TITLE:** Research Methods & Prog Eval **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of successful program assessment and evaluation processes, related research methods, and grant/project development. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 780
	VERSION: REV **COURSE:** KNH7800 - Research Methods & Prog Eval **STUDENT REC TITLE:** Research Methods & Prog **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of successful program assessment and evaluation processes, related research methods, and grant/project development. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HPR 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3570 **STATUS:** Complete **CREATOR:** Henry Limouze **CREATED:** 6/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST605 - Ancient History **STUDENT REC TITLE:** Ancient History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Selected problems in Roman history to the death of Constantine in A.D. 337. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 605
	VERSION: REV **COURSE:** HST6000 - Ancient History **STUDENT REC TITLE:** Ancient History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected problems in Greek or Roman history to the death of Constantine in A.D. 337. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9042 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6000 - Ancient History **STUDENT REC TITLE:** Ancient History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected problems in Greek or Roman history to the death of Constantine in A.D. 337. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 605
	VERSION: REV **COURSE:** HST6000 - Ancient History **STUDENT REC TITLE:** Ancient History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected problems in Greek or Roman history to the death of Constantine in A.D. 337. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3572 **STATUS:** Complete **CREATOR:** Henry Limouze **CREATED:** 6/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST610 - The Middle Ages **STUDENT REC TITLE:** The Middle Ages **EFFECTIVE:** Fall 2010 **COURSE DESC:** From the decline of the Roman Empire to ca. 1450. Topics vary and can include European, Islamic, and Byzantine civilizations. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 610
	VERSION: REV **COURSE:** HST6050 - Studies in the Middle Ages **STUDENT REC TITLE:** The Middle Ages **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the period following the decline of the Roman Empire to ca.1450 and can include European, Islamic, and Byzantine civilizations. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9044 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6050 - Studies in the Middle Ages **STUDENT REC TITLE:** The Middle Ages **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the period following the decline of the Roman Empire to ca.1450 and can include European, Islamic, and Byzantine civilizations. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 610
	VERSION: REV **COURSE:** HST6050 - Studies in the Middle Ages **STUDENT REC TITLE:** The Middle Ages **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the period following the decline of the Roman Empire to ca.1450 and can include European, Islamic, and Byzantine civilizations. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3575 **STATUS:** Complete **CREATOR:** Henry Limouze **CREATED:** 6/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST615 - The Art of War in Early Modern Europe **STUDENT REC TITLE:** Medieval & Early Mod Hst **EFFECTIVE:** Fall 2010 **COURSE DESC:** Selected problems in European history from the decline of the Roman Empire through the Renaissance and Reformation. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 615
	VERSION: REV **COURSE:** HST6100 - Studies in Early Modern Europe **STUDENT REC TITLE:** Early Modern Europe **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected problems in European history from the late Middle Ages through the Counter-Reformation. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 615

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9045 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6100 - Studies in Early Modern Europe **STUDENT REC TITLE:** Early Modern Europe **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected problems in European history from the late Middle Ages through the Counter-Reformation. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 615
	VERSION: REV **COURSE:** HST6100 - Studies in Early Modern Europe **STUDENT REC TITLE:** Early Modern Europe **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected problems in European history from the late Middle Ages through the Counter-Reformation. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 615

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3578 **STATUS:** Complete **CREATOR:** Henry Limouze **CREATED:** 6/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST625 - Modern European History **STUDENT REC TITLE:** Modern European History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Modern Europe from the Enlightenment to the present through a national (e.g., Germany), chronological (e.g., nineteenth century), or topical (e.g., socialism) approach. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 625
	VERSION: REV **COURSE:** HST6150 - Studies in Modern Europe **STUDENT REC TITLE:** Studies in Modern Europe **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines a variety of countries, topics and periods in European history from the Enlightenment to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 625

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9046 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6150 - Studies in Modern Europe **STUDENT REC TITLE:** Studies in Modern Europe **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines a variety of countries, topics and periods in European history from the Enlightenment to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 625
	VERSION: REV **COURSE:** HST6150 - Studies in Modern Europe **STUDENT REC TITLE:** Studies in Modern Europe **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines a variety of countries, topics and periods in European history from the Enlightenment to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 625

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9047 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6210 - Studies in British History **STUDENT REC TITLE:** British History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular periods of British history (e.g., modern Britain) or topics (e.g., British constitutional history). Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 635
	VERSION: REV **COURSE:** HST6210 - Studies in British History **STUDENT REC TITLE:** British History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular periods of British history (e.g., modern Britain) or topics (e.g., British constitutional history). Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 635

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4890 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** HST6210 - Studies in British History **STUDENT REC TITLE:** British History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular periods of British history (e.g., modern Britain) or topics (e.g., British constitutional history). Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 635

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4891 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** HST640 - Colonial Conquest & Resistance in Africa **STUDENT REC TITLE:** Topics in African History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Variable titles covering a range of topics from the pre-colonial to post-colonial Africa in the 20th century. Can be taken up to four (4) additional times (20 hours total) under variable titles. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 640
	VERSION: REV **COURSE:** HST6300 - Studies in African History **STUDENT REC TITLE:** African History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular periods, regions, or countries in African history. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9048 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6300 - Studies in African History **STUDENT REC TITLE:** African History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular periods, regions, or countries in African history. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 640
	VERSION: REV **COURSE:** HST6300 - Studies in African History **STUDENT REC TITLE:** African History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular periods, regions, or countries in African history. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4892 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST665 - Asian History **STUDENT REC TITLE:** Asian History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines various periods of Chinese, Japanese, and other Asian histories or special topics. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 665
	VERSION: REV **COURSE:** HST6400 - Studies in Asian History **STUDENT REC TITLE:** Asian History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines various periods of Chinese, Japanese, and other Asian histories. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 665

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9049 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6400 - Studies in Asian History **STUDENT REC TITLE:** Asian History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines various periods of Chinese, Japanese, and other Asian histories. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 665
	VERSION: REV **COURSE:** HST6400 - Studies in Asian History **STUDENT REC TITLE:** Asian History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines various periods of Chinese, Japanese, and other Asian histories. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 665

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4893 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST645 - Middle Eastern History **STUDENT REC TITLE:** Middle Eastern History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Coursed offered under this number examine the Balkans and the Middle East from the Middle Ages to the present. Topics may include Byzantine history, the Crusades, and the Middle East today. Several of these courses will be offered jointly with the Department of Political Science. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 645
	VERSION: REV **COURSE:** HST6450 - Studies in Middle Eastern History **STUDENT REC TITLE:** Middle Eastern History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the Middle East from the 7th century to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9050 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6450 - Studies in Middle Eastern History **STUDENT REC TITLE:** Middle Eastern History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the Middle East from the 7th century to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 645
	VERSION: REV **COURSE:** HST6450 - Studies in Middle Eastern History **STUDENT REC TITLE:** Middle Eastern History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the Middle East from the 7th century to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4895 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST655 - Latin American History **STUDENT REC TITLE:** Latin American History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Selected Latin American nations (e.g., Mexico), particular topics (e.g., Authoritarianism), and colonial Latin American. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 655
	VERSION: REV **COURSE:** HST6500 - Studies in Latin American History **STUDENT REC TITLE:** Latin American History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected Latin American nations and regions (e.g., Mexico, Argentina) and particular topics (e.g., authoritarianism) in detail. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9051 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6500 - Studies in Latin American History **STUDENT REC TITLE:** Latin American History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected Latin American nations and regions (e.g., Mexico, Argentina) and particular topics (e.g., authoritarianism) in detail. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 655
	VERSION: REV **COURSE:** HST6500 - Studies in Latin American History **STUDENT REC TITLE:** Latin American History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected Latin American nations and regions (e.g., Mexico, Argentina) and particular topics (e.g., authoritarianism) in detail. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9052 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6550 - Studies in U.S. Foreign Relations **STUDENT REC TITLE:** U.S. Foreign Relations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines main currents, prominent issues, key individuals and major events in the history of U.S. relations with other countries and regions. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** HST6550 - Studies in U.S. Foreign Relations **STUDENT REC TITLE:** U.S. Foreign Relations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines main currents, prominent issues, key individuals and major events in the history of U.S. relations with other countries and regions. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5102 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/15/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** REV **COURSE:** HST6550 - Studies in U.S. Foreign Relations **STUDENT REC TITLE:** U.S. Foreign Relations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines main currents, prominent issues, key individuals and major events in the history of U.S. relations with other countries and regions. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4896 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST670 - Early American History **STUDENT REC TITLE:** Early American History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines colonial, revolutionary, and early republic periods of American history. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 670
	VERSION: REV **COURSE:** HST6600 - Studies in Early American History **STUDENT REC TITLE:** Early American History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines Colonial, Revolutionary, and early Republic periods of American history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9053 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6600 - Studies in Early American History **STUDENT REC TITLE:** Early American History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines Colonial, Revolutionary, and early Republic periods of American history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 670
	VERSION: REV **COURSE:** HST6600 - Studies in Early American History **STUDENT REC TITLE:** Early American History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines Colonial, Revolutionary, and early Republic periods of American history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4897 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST675 - 19th Century United States History **STUDENT REC TITLE:** 19th Century US History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines distinct periods in the nineteenth century (e.g., Civil War and Reconstruction) and major topics such as slavery. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 675
	VERSION: REV **COURSE:** HST6650 - Studies in 19th-century US History **STUDENT REC TITLE:** 19th-century US History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines distinct periods in the 19th century (e.g., Civil War and reconstruction) and major topics such as slavery. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9054 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6650 - Studies in 19th-century US History **STUDENT REC TITLE:** 19th-Century US History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines distinct periods in the 19th century (e.g., Civil War and reconstruction) and major topics such as slavery. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 675
	VERSION: REV **COURSE:** HST6650 - Studies in 19th-century US History **STUDENT REC TITLE:** 19th-Century US History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines distinct periods in the 19th century (e.g., Civil War and reconstruction) and major topics such as slavery. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4898 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST680 - 20th Century United State History **STUDENT REC TITLE:** 20th Century US History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Particular stages of the twentieth-century American experience (e.g., the Progressive era) or selected topics (e.g., the civil rights movement, oral history). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 680
	VERSION: REV **COURSE:** HST6700 - Studies in 20th-century US History **STUDENT REC TITLE:** 20th-century US History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular stages of the 20th-Century American experience (e.g., the Progressive Era) or selected topics (e.g., the Civil Rights Movement). Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9055 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6700 - Studies in 20th-century US History **STUDENT REC TITLE:** 20th-Century US History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular stages of the 20th-Century American experience (e.g., the Progressive Era) or selected topics (e.g., the Civil Rights Movement). Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 680
	VERSION: REV **COURSE:** HST6700 - Studies in 20th-century US History **STUDENT REC TITLE:** 20th-Century US History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular stages of the 20th-Century American experience (e.g., the Progressive Era) or selected topics (e.g., the Civil Rights Movement). Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9056 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6750 - Studies in 21st-Century History **STUDENT REC TITLE:** 21st-Century History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular stages of the 21st-century American experience or selected topics (e.g., the Iraq war). Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** HST6750 - Studies in 21st-Century History **STUDENT REC TITLE:** 21st-Century History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular stages of the 21st-century American experience or selected topics (e.g., the Iraq war). Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4970 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/9/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** HST6750 - Studies in 21st-Century History **STUDENT REC TITLE:** 21st-Century History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular stages of the 21st-century American experience or selected topics (e.g., the Iraq war). Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4899 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST695 - Comparative History **STUDENT REC TITLE:** Comparative History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Compares developments or movements in different parts of the world and/or different times in history. May compare revolutions, slave systems, religious movements, or other human experiences that transcend a particular time or place. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 695
	VERSION: REV **COURSE:** HST6800 - Comparative History **STUDENT REC TITLE:** Comparative History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Compares developments or movements in different parts of the world and/or different times in history such as revolutions, slave systems, religious movements, genocide, or other human experiences that transcend a particular time or place. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 695

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9057 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6800 - Comparative History **STUDENT REC TITLE:** Comparative History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Compares developments or movements in different parts of the world and/or different times in history such as revolutions, slave systems, religious movements, genocide, or other human experiences that transcend a particular time or place. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 695
	VERSION: REV **COURSE:** HST6800 - Comparative History **STUDENT REC TITLE:** Comparative History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Compares developments or movements in different parts of the world and/or different times in history such as revolutions, slave systems, religious movements, genocide, or other human experiences that transcend a particular time or place. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 695

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4900 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST690 - Topics in African-American History **STUDENT REC TITLE:** Topics in African-Amer Hi **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines topics drawn from the African American experience. Topics covered may include black ideology and leadership, racial tension in urban society, and the civil rights movement. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 690
	VERSION: REV **COURSE:** HST6810 - Topics in African-American History **STUDENT REC TITLE:** African-American History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines topics drawing from the African-American experience; may include black ideology and leadership, racial tension in urban society, and the civil rights movement. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 690

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9058 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6810 - Topics in African-American History **STUDENT REC TITLE:** African-American History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines topics drawing from the African-American experience; may include black ideology and leadership, racial tension in urban society, and the civil rights movement. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 690
	VERSION: REV **COURSE:** HST6810 - Topics in African-American History **STUDENT REC TITLE:** African-American History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines topics drawing from the African-American experience; may include black ideology and leadership, racial tension in urban society, and the civil rights movement. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 690

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4901 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST686 - Gender History **STUDENT REC TITLE:** Gender History **EFFECTIVE:** Fall 2010 **COURSE DESC:** Courses will allow intensive analysis of subjects in gender history. Topics may include masculinity, femininity, sexuality, family and women's history. Focus may be on one nation, region or a comparative perspective. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 686
	VERSION: REV **COURSE:** HST6830 - Topics in Gender History **STUDENT REC TITLE:** Topics in Gender History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive analysis of subjects in gender history. Topics may include masculinity, femininity, sexuality, family and womens history. Focus may be on one nation, region or comparative perspective. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 686

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9059 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6830 - Topics in Gender History **STUDENT REC TITLE:** Topics in Gender History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive analysis of subjects in gender history. Topics may include masculinity, femininity, sexuality, family and womens history. Focus may be on one nation, region or comparative perspective. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 686
	VERSION: REV **COURSE:** HST6830 - Topics in Gender History **STUDENT REC TITLE:** Topics in Gender History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive analysis of subjects in gender history. Topics may include masculinity, femininity, sexuality, family and womens history. Focus may be on one nation, region or comparative perspective. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 686

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9060 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6840 - Topics in Religious History **STUDENT REC TITLE:** Religious History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines topics in the history of religion. May cover any historical period or region of the world or may be comparative. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** HST6840 - Topics in Religious History **STUDENT REC TITLE:** Religious History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines topics in the history of religion. May cover any historical period or region of the world or may be comparative. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4902 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** HST6840 - Topics in Religious History **STUDENT REC TITLE:** Religious History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines topics in the history of religion. May cover any historical period or region of the world or may be comparative. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9061 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6850 - Approaches to History **STUDENT REC TITLE:** Approaches to History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines approaches to the study of history and historical methodology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** HST6850 - Approaches to History **STUDENT REC TITLE:** Approaches to History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines approaches to the study of history and historical methodology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4903 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** HST6850 - Approaches to History **STUDENT REC TITLE:** Approaches to History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines approaches to the study of history and historical methodology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4904 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** HST688 - History and New Media **STUDENT REC TITLE:** History and New Media **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines the impact of new media on access to primary sources, public programs, history education, scholarship, and the ways in which historians engage with each other. Presents productions in a variety of media. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 688
	VERSION: REV **COURSE:** HST6860 - History and New Media **STUDENT REC TITLE:** History and New Media **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the impact of new media on access to primary sources, public programs, history education, scholarship, and the ways in which historians engage with each other. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 688

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9062 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST6870 - Special Topics in History **STUDENT REC TITLE:** Special Topics in Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines special topics in the advanced study of history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** HST6870 - Special Topics in History **STUDENT REC TITLE:** Special Topics in Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines special topics in the advanced study of history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4905 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** HST6870 - Special Topics in History **STUDENT REC TITLE:** Special Topics in Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines special topics in the advanced study of history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5734 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 9/29/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST700 - Historical Methods **STUDENT REC TITLE:** Historical Methods **EFFECTIVE:** Winter 2011 **COURSE DESC:** Intensive training in the research methods and materials of history. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 700
	VERSION: REV **COURSE:** HST7000 - Historical Methods **STUDENT REC TITLE:** Historical Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive training in the research methods and materials of history. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5944 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/1/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST701 - Seminar in United States History to 1865 **STUDENT REC TITLE:** Sem in US Hst to 1865 **EFFECTIVE:** Winter 2011 **COURSE DESC:** May be repeated with content changes to a maximum of twelve credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 701
	VERSION: REV **COURSE:** HST7100 - Seminar in United States History to 1865 **STUDENT REC TITLE:** Seminar US to 1865 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines United States history through the Civil War. Topics vary and may include the following periods: Colonial, Revolutionary, early Republic, antebellum, Civil War. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5945 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/1/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST702 - Seminar in United States History Since 1865 **STUDENT REC TITLE:** Sem in US Hst Since 1865 **EFFECTIVE:** Winter 2011 **COURSE DESC:** May be repeated with content change to a maximum of twelve credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 702
	VERSION: REV **COURSE:** HST7110 - Seminar in United States History since 1865 **STUDENT REC TITLE:** Seminar US since 1865 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines United States history since the Civil War. Topics vary and may include Reconstruction, the Progressive Era, and the rise of the United States as a world power. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5947 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/1/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST703 - Seminar in Ancient, Medieval and Early Modern European History **STUDENT REC TITLE:** Sem Anc Med & Mod Eur Hst **EFFECTIVE:** Winter 2011 **COURSE DESC:** May be repeated with content change to a maximum of twelve credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 703
	VERSION: REV **COURSE:** HST7200 - Seminar in Ancient History **STUDENT REC TITLE:** Seminar in Ancient Hist **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected problems in Greek or Roman history to the death of Constantine in A.D. 337. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5949 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/1/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST703 - Seminar in Ancient, Medieval and Early Modern European History **STUDENT REC TITLE:** Sem Anc Med & Mod Eur Hst **EFFECTIVE:** Winter 2011 **COURSE DESC:** May be repeated with content change to a maximum of twelve credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 703
	VERSION: REV **COURSE:** HST7220 - Seminar in Early Modern European History **STUDENT REC TITLE:** Sem Early Mod Eur Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines facets of European history from the Renaissance and Reformation through the French Revolution. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5950 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/1/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST704 - Seminar in Modern European History **STUDENT REC TITLE:** Sem in Modern Europe Hst **EFFECTIVE:** Winter 2011 **COURSE DESC:** May be repeated with content change to a maximum of twelve credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 704
	VERSION: REV **COURSE:** HST7230 - Seminar in Modern European History **STUDENT REC TITLE:** Sem Modern Eur Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines aspects of European history from the Enlightenment to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 704

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5952 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST705 - Seminar in Latin American History **STUDENT REC TITLE:** Sem in Latin Am Hst **EFFECTIVE:** Winter 2011 **COURSE DESC:** May be repeated with content change to a maximum of twelve credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 705
	VERSION: REV **COURSE:** HST7300 - Seminar in Latin American History **STUDENT REC TITLE:** Seminar Latin Amer Hist **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected Latin American nations and regions (e.g., Mexico, Argentina) and particular topics (e.g., Authoritarianism) in detail. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5953 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST706 - Seminar in Asian History **STUDENT REC TITLE:** Sem in Asian History **EFFECTIVE:** Winter 2011 **COURSE DESC:** May be repeated with content change to a maximum of twelve credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 706
	VERSION: REV **COURSE:** HST7310 - Seminar in Asian History **STUDENT REC TITLE:** Seminar in Asian History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines topics from various periods of Chinese, Japanese, and other Asian histories. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 706

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5954 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST707 - Seminar in African History **STUDENT REC TITLE:** Sem in African Hst **EFFECTIVE:** Winter 2011 **COURSE DESC:** May be repeated with content change to a maximum of twelve credit hours. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 707
	VERSION: REV **COURSE:** HST7320 - Seminar in African History **STUDENT REC TITLE:** Seminar African History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular periods, regions, or countries in African history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5956 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST708 - Seminar in History **STUDENT REC TITLE:** Seminar in History **EFFECTIVE:** Winter 2011 **COURSE DESC:** Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 708
	VERSION: REV **COURSE:** HST7400 - Special Topics Seminar **STUDENT REC TITLE:** Special Topics Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines special topics in the advanced study of history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 708

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5946 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/1/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST709 - Topics in African-American History **STUDENT REC TITLE:** Top in African-Amer Hst **EFFECTIVE:** Winter 2011 **COURSE DESC:** Conducted as a reading seminar. Focuses on African diaspora in the Americas. Topics include the black experience in the United States and Latin America from the colonial period to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 709
	VERSION: REV **COURSE:** HST7120 - Seminar in African-American History **STUDENT REC TITLE:** Seminar in Af-Am History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on African diaspora in the Americas. Topics include the black experience in the United States and Latin America from the colonial period to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 709

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5959 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST710 - Introduction to Archives and Manuscripts **STUDENT REC TITLE:** Archives & Manuscripts **EFFECTIVE:** Winter 2011 **COURSE DESC:** Fundamental problems, theoretical principles, techniques, and practical administration of archives and manuscripts; the importance of records in the modern information age and the relationship of archives administration and records management; history of archives. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 710
	VERSION: REV **COURSE:** HST7600 - Introduction to Archives and Manuscripts **STUDENT REC TITLE:** Intro Archives Manuscrip **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamental problems, theoretical principles, techniques, and practical administration of archives and manuscripts; the importance of records in the modern information age and the relationship of archives administration and records management; history of archives. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9065 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7100 - Seminar in United States History to 1865 **STUDENT REC TITLE:** Seminar US to 1865 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines United States history through the Civil War. Topics vary and may include the following periods: Colonial, Revolutionary, early Republic, antebellum, Civil War. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 701
	VERSION: REV **COURSE:** HST7100 - Seminar in United States History to 1865 **STUDENT REC TITLE:** Seminar US to 1865 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines United States history through the Civil War. Topics vary and may include the following periods: Colonial, Revolutionary, early Republic, antebellum, Civil War. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5960 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST711 - Local History Research in Archives and Manuscripts **STUDENT REC TITLE:** Local History Research **EFFECTIVE:** Winter 2011 **COURSE DESC:** Defines and discusses the origin and development of local history. Students will learn to identify, locate and use primary and secondary sources on a variety of local history topics. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 711
	VERSION: REV **COURSE:** HST7700 - Research in Local History **STUDENT REC TITLE:** Research in Local Hist **EFFECTIVE:** Fall 2012 **COURSE DESC:** Defines and discusses the origin and development of local history. Identification, location and use of primary and secondary sources on a variety of local history topics. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 711

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9066 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7110 - Seminar in United States History since 1865 **STUDENT REC TITLE:** Seminar US since 1865 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines United States history since the Civil War. Topics vary and may include Reconstruction, the Progressive Era, and the rise of the United States as a world power. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 702
	VERSION: REV **COURSE:** HST7110 - Seminar in United States History since 1865 **STUDENT REC TITLE:** Seminar US since 1865 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines United States history since the Civil War. Topics vary and may include Reconstruction, the Progressive Era, and the rise of the United States as a world power. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5961 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST712 - Museum Administration and Collections **STUDENT REC TITLE:** Museum Admin & Collection **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduction to museums and their management; the establishment, functions, rules and duties of non-profits. Introduction to collections theory and practice as well as collections policies, accessioning, deaccessioning, management, care, treatment, and conservation. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 712
	VERSION: REV **COURSE:** HST7650 - Museum Administration and Collections **STUDENT REC TITLE:** Museum Admin Collections **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to museums and their management and to collections theory and practice. Includes collections policies; accessioning, deaccessioning and loans; management, care, and the conservation of museum collections; and collections use in exhibition and education. Hands-on experience working with actual objects. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 712

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9067 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7120 - Seminar in African-American History **STUDENT REC TITLE:** Seminar in Af-Am History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on African diaspora in the Americas. Topics include the black experience in the United States and Latin America from the colonial period to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 709
	VERSION: REV **COURSE:** HST7120 - Seminar in African-American History **STUDENT REC TITLE:** Seminar in Af-Am History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on African diaspora in the Americas. Topics include the black experience in the United States and Latin America from the colonial period to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 709

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5962 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST713 - Historical Interpretation and Exhibits **STUDENT REC TITLE:** Hist Interp & Exhibits **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines interpretation theory and practice. Students will design and construct a museum exhibit including budgeting, research, design, construction, artifact selection, media relations and opening reception. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HST 712 QTR EQUIV: HST 713
	VERSION: REV **COURSE:** HST7750 - Historical Interpretation and Exhibits **STUDENT REC TITLE:** Interpretation & Exhibit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines interpretation theory and practice. Design and construction of a museum exhibit including budgeting, research, artifact selection, media relations, educational programming and opening reception. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. SEM PREREQ: HST 7650 QTR PREREQ: HST 712 QTR EQUIV: HST 713

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9068 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7130 - Seminar in United States Foreign Relations **STUDENT REC TITLE:** Seminar US Foreign Rel **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines history of United States public and private relations with the rest of the world from the mid-18th century to the present. Topics vary, and may include aspects of early republic, imperial, Cold War, and contemporary U.S. history. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** HST7130 - Seminar in United States Foreign Relations **STUDENT REC TITLE:** Seminar US Foreign Rel **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines history of United States public and private relations with the rest of the world from the mid-18th century to the present. Topics vary, and may include aspects of early republic, imperial, Cold War, and contemporary U.S. history. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7767 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 5/12/11 **APPROVED:** 5/24/11 WorkFlow	**VERSION:** REV **COURSE:** HST7130 - Seminar in United States Foreign Relations **STUDENT REC TITLE:** Seminar US Foreign Rel **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines history of United States public and private relations with the rest of the world from the mid-18th century to the present. Topics vary, and may include aspects of early republic, imperial, Cold War, and contemporary U.S. history. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
5963 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST714 - Advanced Problems in Archival Work **STUDENT REC TITLE:** Adv Prob Archival Work **EFFECTIVE:** Winter 2011 **COURSE DESC:** Students will put into practice the theories and concepts associated with appraisal and acquisition, arrangement and description, reference, and preservation of archival materials. Coursework includes practical experience in processing and preserving an archival collection. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HST 710 QTR EQUIV: HST 714
	VERSION: REV **COURSE:** HST7800 - Advanced Problems in Archival Work **STUDENT REC TITLE:** Adv Probs Archival Work **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theories and concepts associated with appraisal and acquisition, arrangement and description, reference, and preservation of archival materials. Includes practical experience in processing and preserving an archival collection. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. SEM PREREQ: HST 7600 QTR PREREQ: HST 710 QTR EQUIV: HST 714

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
5964 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST715 - Public History Internship **STUDENT REC TITLE:** Public History Internship **EFFECTIVE:** Winter 2011 **COURSE DESC:** Practical training in various aspects of public history and historical administration. Students complete a 300-clock-hour internship and prepare a report on the experience. Permission of the Public History Program Director required. **COLLEGE:** College of Liberal Arts **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HST 725, HST 710 and HST 712 and either HST 713 or HST 714 QTR EQUIV: HST 715
	VERSION: REV **COURSE:** HST7810 - Public History Internship **STUDENT REC TITLE:** Public Hist Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical training in various aspects of public history and historical administration. Completion of a 300-clock-hour internship and preparation of a report on the experience. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. ADD INFO: Permission of the Public History Program Director required. SEM PREREQ: HST 7500, and HST 7600 and HST 7650 and either HST 7750 or HST 7800 QTR PREREQ: HST 725, HST 710 and HST 712 and either HST 713 or HST 714 QTR EQUIV: HST 715

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5965 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST716 - Historical Preservation **STUDENT REC TITLE:** Historical Preservation **EFFECTIVE:** Winter 2011 **COURSE DESC:** Overview of the history and practices of architectural preservation. Introduces students to the supervision of, or participation in, the preservation program of an historical organization. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 716
	VERSION: REV **COURSE:** HST7860 - Historic Preservation **STUDENT REC TITLE:** Historic Preservation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of the history and practices of architectural preservation. Introduces students to the supervision of, or participation in, the preservation program of an historical organization. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 716

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5966 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST717 - Practica: Archives and Museums **STUDENT REC TITLE:** Practica: Archives & Muse **EFFECTIVE:** Winter 2011 **COURSE DESC:** Archivists' and preservationists' techniques. Titles vary. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 717
	VERSION: REV **COURSE:** HST7820 - Practica: Archives and Museums **STUDENT REC TITLE:** Practica Archives Museum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical training in the techniques and skills of archive and museum work, including artifact and archival preservation, documentary film making, exhibit design technology, archival technology, documenting the built environment, field study, and outreach. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 2 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 10 REP TIMES: 5 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 717

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5967 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST720 - Project **STUDENT REC TITLE:** Project **EFFECTIVE:** Winter 2011 **COURSE DESC:** Students complete an historical project (editing a diary, processing a manuscript collection, curating an exhibit, preparing a research report). Permission of the Public History Program Director required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: History QTR PREREQ: HST 700, HST 725, HST 710, HST 712 and either HST 713 or HST 714 QTR EQUIV: HST 720
	VERSION: REV **COURSE:** HST7900 - Capstone Project **STUDENT REC TITLE:** Capstone Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Capstone project that demonstrates achievement and is a significant contribution to the field (historical editing, exhibit design and creation, public program, documentary film, oral history, advanced processing, etc). **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. Must be enrolled in the following program: MA in Public History. ADD INFO: Permission of the Public History program director required. SEM PREREQ: HST 7000 and HST 7500 and HST 7600 and HST 7650 and either HST 7750 or HST 7800 QTR PREREQ: HST 700, HST 725, HST 710, HST 712 and either HST 713 or HST 714 QTR EQUIV: HST 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9069 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7200 - Seminar in Ancient History **STUDENT REC TITLE:** Seminar in Ancient Hist **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected problems in Greek or Roman history to the death of Constantine in A.D. 337. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 703
	VERSION: REV **COURSE:** HST7200 - Seminar in Ancient History **STUDENT REC TITLE:** Seminar in Ancient Hist **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected problems in Greek or Roman history to the death of Constantine in A.D. 337. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9070 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7210 - Seminar in Medieval History **STUDENT REC TITLE:** Seminar Medieval History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the period following the decline of the Roman Empire to ca. 1450. Topics vary and may include aspects of European, Islamic, or Byzantine civilizations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 703
	VERSION: REV **COURSE:** HST7210 - Seminar in Medieval History **STUDENT REC TITLE:** Seminar Medieval History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the period following the decline of the Roman Empire to ca. 1450. Topics vary and may include aspects of European, Islamic, or Byzantine civilizations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5948 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/1/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** HST7210 - Seminar in Medieval History **STUDENT REC TITLE:** Seminar Medieval History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the period following the decline of the Roman Empire to ca. 1450. Topics vary and may include aspects of European, Islamic, or Byzantine civilizations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9071 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7220 - Seminar in Early Modern European History **STUDENT REC TITLE:** Sem Early Mod Eur Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines facets of European history from the Renaissance and Reformation through the French Revolution. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 703
	VERSION: REV **COURSE:** HST7220 - Seminar in Early Modern European History **STUDENT REC TITLE:** Sem Early Mod Eur Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines facets of European history from the Renaissance and Reformation through the French Revolution. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9072 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7230 - Seminar in Modern European History **STUDENT REC TITLE:** Sem Modern Eur Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines aspects of European history from the Enlightenment to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 704
	VERSION: REV **COURSE:** HST7230 - Seminar in Modern European History **STUDENT REC TITLE:** Sem Modern Eur Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines aspects of European history from the Enlightenment to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 704

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5958 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST725 - Introduction to Public History **STUDENT REC TITLE:** Intro Public History **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduces students to the origins, nature and varieties of Public History and to careers in the field. Explores issues of ethics and public memory. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 725
	VERSION: REV **COURSE:** HST7500 - Introduction to Public History **STUDENT REC TITLE:** Intro to Public History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduce students to the theory, methods, and practice of public history. Explores challenges of historical work in historic sites, museums, archives, and other public history settings. Introduction to career choices in the field of public history, along with issues of ethics, interpretation, and public memory. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 725

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5968 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST727 - Topics in Public History **STUDENT REC TITLE:** Topics in Public History **EFFECTIVE:** Winter 2011 **COURSE DESC:** Intensive analysis of topics related to the theory and practice of public history such as American decorative art, archictectural history, history of photography, and history of technology.A. Introduction to American Decorative Arts. The identification of artifacts which may be found in a history museum collection such as furniture, glassware, ceramics and fabrics, by date, material, use, style, and manufacture.B. American Architectural History (previously HST 716 alternate designation). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 727
	VERSION: REV **COURSE:** HST7830 - Topics in Public History **STUDENT REC TITLE:** Topics in Public History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive analysis of topics related to the theory and practice of public history such as decorative arts, material culture, history of photography, history of technology, historic site interpretation, ethics and laws for archives and museums, family history, American studies, pop culture, and outreach. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 727

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9073 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7300 - Seminar in Latin American History **STUDENT REC TITLE:** Seminar Latin Amer Hist **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected Latin American nations and regions (e.g., Mexico, Argentina) and particular topics (e.g., Authoritarianism) in detail. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 705
	VERSION: REV **COURSE:** HST7300 - Seminar in Latin American History **STUDENT REC TITLE:** Seminar Latin Amer Hist **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines selected Latin American nations and regions (e.g., Mexico, Argentina) and particular topics (e.g., Authoritarianism) in detail. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9074 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7310 - Seminar in Asian History **STUDENT REC TITLE:** Seminar in Asian History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines topics from various periods of Chinese, Japanese, and other Asian histories. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 706
	VERSION: REV **COURSE:** HST7310 - Seminar in Asian History **STUDENT REC TITLE:** Seminar in Asian History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines topics from various periods of Chinese, Japanese, and other Asian histories. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 706

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9075 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7320 - Seminar in African History **STUDENT REC TITLE:** Seminar African History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular periods, regions, or countries in African history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 707
	VERSION: REV **COURSE:** HST7320 - Seminar in African History **STUDENT REC TITLE:** Seminar African History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines particular periods, regions, or countries in African history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9076 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7330 - Seminar in Middle Eastern History **STUDENT REC TITLE:** Seminar Middle East Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines aspects of the history of the Middle East from the 7th century to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** HST7330 - Seminar in Middle Eastern History **STUDENT REC TITLE:** Seminar Middle East Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines aspects of the history of the Middle East from the 7th century to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5955 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** HST7330 - Seminar in Middle Eastern History **STUDENT REC TITLE:** Seminar Middle East Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines aspects of the history of the Middle East from the 7th century to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5969 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST740 - Information Management **STUDENT REC TITLE:** Information Management **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines the processes and concepts associated with records and information management in a variety of institutional settings. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HST 710 QTR EQUIV: HST 740
	VERSION: REV **COURSE:** HST7815 - Information Management **STUDENT REC TITLE:** Information Management **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines traditional and emerging concepts, practices, and methodologies related to the management of records and information in a variety of institutional settings. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. SEM PREREQ: HST 7600 QTR PREREQ: HST 710 QTR EQUIV: HST 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9077 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7400 - Special Topics Seminar **STUDENT REC TITLE:** Special Topics Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines special topics in the advanced study of history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 708
	VERSION: REV **COURSE:** HST7400 - Special Topics Seminar **STUDENT REC TITLE:** Special Topics Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines special topics in the advanced study of history. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 708

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5957 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST750 - Seminar in Gender History **STUDENT REC TITLE:** Seminar in Gender History **EFFECTIVE:** Winter 2011 **COURSE DESC:** Subjects vary, with a focus on gender as a tool of historical analysis. Topics may include masculinity, femininity, sexuality, family and women's history. Focus may be on one nation region or a comparative perspective. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 750
	VERSION: REV **COURSE:** HST7450 - Seminar in Gender History **STUDENT REC TITLE:** Seminar Gender History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Gender as a tool of historical analysis. Topics may include masculinity, femininity, sexuality, family and womens history. Focus may be on one nation or region or on a comparative perspective. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9078 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7450 - Seminar in Gender History **STUDENT REC TITLE:** Seminar Gender History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Gender as a tool of historical analysis. Topics may include masculinity, femininity, sexuality, family and womens history. Focus may be on one nation or region or on a comparative perspective. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 750
	VERSION: REV **COURSE:** HST7450 - Seminar in Gender History **STUDENT REC TITLE:** Seminar Gender History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Gender as a tool of historical analysis. Topics may include masculinity, femininity, sexuality, family and womens history. Focus may be on one nation or region or on a comparative perspective. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9079 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7460 - Seminar in Modern Military History **STUDENT REC TITLE:** Seminar Mod Military Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines aspects of the history of military affairs in Europe, the United States, and/or the wider world from the 16th century to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** HST7460 - Seminar in Modern Military History **STUDENT REC TITLE:** Seminar Mod Military Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines aspects of the history of military affairs in Europe, the United States, and/or the wider world from the 16th century to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7768 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 5/12/11 **APPROVED:** 5/24/11 WorkFlow	**VERSION:** REV **COURSE:** HST7460 - Seminar in Modern Military History **STUDENT REC TITLE:** Seminar Mod Military Hst **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines aspects of the history of military affairs in Europe, the United States, and/or the wider world from the 16th century to the present. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled at the following level: graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9080 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7820 - Practica: Archives and Museums **STUDENT REC TITLE:** Practica Archives Museum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical training in the techniques and skills of archive and museum work, including artifact and archival preservation, documentary film making, exhibit design technology, archival technology, documenting the built environment, field study, and outreach. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 717
	VERSION: REV **COURSE:** HST7820 - Practica: Archives and Museums **STUDENT REC TITLE:** Practica Archives Museum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical training in the techniques and skills of archive and museum work, including artifact and archival preservation, documentary film making, exhibit design technology, archival technology, documenting the built environment, field study, and outreach. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 2 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 10 REP TIMES: 5 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 717

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9081 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7830 - Topics in Public History **STUDENT REC TITLE:** Topics in Public History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive analysis of topics related to the theory and practice of public history such asdecorative arts, material culture, history of photography, history of technology, historic site interpretation, ethics and laws for archives and museums, family history, American studies, pop culture, and outreach. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 727
	VERSION: REV **COURSE:** HST7830 - Topics in Public History **STUDENT REC TITLE:** Topics in Public History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive analysis of topics related to the theory and practice of public history such asdecorative arts, material culture, history of photography, history of technology, historic site interpretation, ethics and laws for archives and museums, family history, American studies, pop culture, and outreach. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 3 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 727

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7871 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 6/22/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** REV **COURSE:** HST7850 - Archival Preservation **STUDENT REC TITLE:** Archival Preservation **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the basics of archival preservation. Topics include components of a preservation program, factors affecting preservation, archival environments, handling and use of materials, appropriate housing and storage, reformatting options, exhibit and display considerations, disaster preparedness, and security guidelines. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5970 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Winter 2011 **COURSE DESC:** **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HST 789
	VERSION: REV **COURSE:** HST7930 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuing registration. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: HST 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5971 **STATUS:** Complete **CREATOR:** Carol Herringer **CREATED:** 10/3/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** HST799 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Winter 2011 **COURSE DESC:** **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: HST 700 QTR EQUIV: HST 799
	VERSION: REV **COURSE:** HST7950 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent work leading to a master's thesis. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled at the following level: Graduate. SEM PREREQ: HST 7000 QTR PREREQ: HST 700 QTR EQUIV: HST 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9082 **STATUS:** Process **CREATOR:** Carol Herringer **CREATED:** 5/18/12 **APPROVED:** 5/22/12 WorkFlow	**VERSION:** CURR **COURSE:** HST7950 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent work leading to a master's thesis. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: HST 799
	VERSION: REV **COURSE:** HST7950 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent work leading to a master's thesis. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 6 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: Graduate level HST 7000 QTR EQUIV: HST 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4305 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 7/22/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** HUM710 - Grad Research Methods in Hum **STUDENT REC TITLE:** Grad Research Methods in Hum **EFFECTIVE:** Fall 2010 **COURSE DESC:** An introduction to graduate research in the humanities with primary emphasis on research writing. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HUM 710
	VERSION: REV **COURSE:** HUM7000 - Grad Research Methods in Hum **STUDENT REC TITLE:** Grad Res Methods in Hum **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to graduate research in the humanities with primary emphasis on research writing. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Department permission required. QTR EQUIV: HUM 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4306 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 7/22/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** HUM720 - Graduate Intro - Humanities II **STUDENT REC TITLE:** Graduate Intro - Humanities II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Exploration of a single topic or problem from the perspective of a number of disciplines in the humanities. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HUM 720
	VERSION: REV **COURSE:** HUM7100 - Seminar in Humanities **STUDENT REC TITLE:** Seminar in Humanities **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of a single topic or problem from the perspective of a number of disciplines in the humanities. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Department permission required. QTR EQUIV: HUM 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4308 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 7/22/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** HUM730 - Humanities Project **STUDENT REC TITLE:** Humanities Project **EFFECTIVE:** Fall 2010 **COURSE DESC:** Individual project with an advisor. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HUM 730
	VERSION: REV **COURSE:** HUM7300 - Humanities Project **STUDENT REC TITLE:** Humanities Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Capstone project under the direction of a three-member faculty committee. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 8 REP TIMES: 8 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following programs: Humanities. ADD INFO: Department permission required. QTR EQUIV: HUM 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4309 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 7/22/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** HUM740 - Humanities Thesis **STUDENT REC TITLE:** Humanities Thesis **EFFECTIVE:** Fall 2010 **COURSE DESC:** Individual thesis with advisor. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Humanities QTR EQUIV: HUM 740
	VERSION: REV **COURSE:** HUM7400 - Humanities Thesis **STUDENT REC TITLE:** Humanities Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Master's thesis under the direction of a three-member faculty committee. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 8 REP TIMES: 8 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Programs: Humanities. ADD INFO: Department permission required. QTR EQUIV: HUM 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4310 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 7/22/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** HUM799 - Directed Studies **STUDENT REC TITLE:** Directed Studies **EFFECTIVE:** Fall 2010 **COURSE DESC:** Individual study in the humanities under the direction of a faculty supervisor. Scope of project must be outlined in advance. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Programs: Humanities - MH Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HUM 799
	VERSION: REV **COURSE:** HUM7800 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Individual study in the humanities under the direction of a faculty supervisor. Generally requires regular conferences with supervisor and research writing. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Programs: Humanities. Department permission required. QTR EQUIV: HUM 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4311 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 7/22/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** HUM789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2010 **COURSE DESC:** **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: HUM 789
	VERSION: REV **COURSE:** HUM7900 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Limited to students who have completed coursework toward the Master of Humanities degree and must maintain registered status. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Programs: Humanities. ADD INFO: Department permission required. QTR EQUIV: HUM 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2237 **STATUS:** Complete **CREATOR:** Michelle Streeter-Ferrari **CREATED:** 3/4/10 **APPROVED:** 5/24/11 WorkFlow	**VERSION:** CURR **COURSE:** IE700 - International Education **STUDENT REC TITLE:** International Education **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** Other **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: IE 700
	VERSION: REV **COURSE:** IE7000 - International Education **STUDENT REC TITLE:** International Education **EFFECTIVE:** Fall 2012 **COURSE DESC:** Placeholder for students studying abroad on Wright State University Education Abroad Programs. Course placeholder will be replaced with Wright State courses when student returns from abroad. **COLLEGE:** Other **CRED HR:** 0 **VAR CRED RANGE:** 6 - 18 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: By permission of instructor only. QTR EQUIV: IE 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5474 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/23/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE601 - Engineering Academic Integrity **STUDENT REC TITLE:** Egr Academic Integrity **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduce new engineering graduate students to ethics of engineering, scientific research, and technical writing. Additional topics include active reading, active listening, effective presentation, faculty-advisor relationships and the thesis/dissertation process. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Must be enrolled in one of the following Classifications: Graduate QTR EQUIV: IHE 601
	VERSION: REV **COURSE:** IHE6010 - Ethics in Engineering Research and Practice **STUDENT REC TITLE:** Ethics in Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduce new engineering graduate students to ethics of engineering, scientific research, and technical writing. Additional topics include active reading, active listening, effective presentation, faculty-advisor relationships and the thesis/dissertation process. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 1 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Must be enrolled in one of the following Classifications: Graduate ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 QTR EQUIV: IHE 601

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5514 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE602 - Probability for Engineers **STUDENT REC TITLE:** Pro for Engineers **EFFECTIVE:** Fall 2010 **COURSE DESC:** Presentation of probability concepts and techniques as applied to engineering applications. Introduces and applies probability distributions, measures of association, inferences on responses, and basic experimental design. Emphasis is on application of statistical tools. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci May not be enrolled as the following Classifications: Senior Sophomore Freshman Junior QTR PREREQ: MTH 230 or EGR 101 QTR EQUIV: IHE 602
	VERSION: REV **COURSE:** IHE6120 - Probability for Engineers **STUDENT REC TITLE:** Prob for Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presentation of probability concepts and techniques as applied to engineering applications. Introduces and applies probability distributions, measures of association, inferences on responses, and basic experimental design. Emphasis is on application of statistical tools. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci May not be enrolled as the following Classifications: Senior Sophomore Freshman Junior ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: MTH 2300 or EGR 1010 QTR PREREQ: MTH 230 or EGR 101 QTR EQUIV: IHE 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5515 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE603 - Statistics for Engineers **STUDENT REC TITLE:** Statistics for Engineers **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focus on analysis techniques for multiple variables, including ANOVA and multiple regression, as applied to engineering testing, development, and manufacturing. Process analysis and improvement techniques presented, long with tools for reliability analysis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Must be enrolled in one of the following Classifications: Graduate QTR PREREQ: Graduate level IHE 602 QTR EQUIV: IHE 603
	VERSION: REV **COURSE:** IHE6130 - Statistics for Engineers **STUDENT REC TITLE:** Statist for Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focus on analysis techniques for multiple variables, including ANOVA and multiple regression, as applied to engineering testing, development, and manufacturing. Process analysis and improvement techniques presented along with tools for reliability analysis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Must be enrolled in one of the following Classifications: Graduate ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6120 QTR PREREQ: Graduate level IHE 602 QTR EQUIV: IHE 603

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5487 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/23/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE605 - Innovation and Entrepreneurship Seminar Series **STUDENT REC TITLE:** I&E Seminar Series **EFFECTIVE:** Fall 2010 **COURSE DESC:** Seminars meet once a week. Guest lecturers from high-tech companies provide insight on entrepreneurship and innovation. Students gain an understanding of the associated challenges, as well as the resources available within the community. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: IHE 605
	VERSION: REV **COURSE:** IHE6420 - Innovation and Entrepreneurship Seminar Series **STUDENT REC TITLE:** Innov & Entrep Sem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminars meet once a week. Guest lecturers from high-tech companies provide insight on entrepreneurship and innovation. Students gain an understanding of the associated challenges, as well as the resources available within the community. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 2 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 XLIST: IHE 4420 QTR EQUIV: IHE 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5528 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE606 - Human Factors Engineering **STUDENT REC TITLE:** Human Factors Engineering **EFFECTIVE:** Fall 2010 **COURSE DESC:** Fundamentals of human factors engineering tools and processes as applied to systems development. Emphasis is placed on user-centered design principles. Material is presented through lectures and application-oriented projects. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Must be enrolled in one of the following Classifications: Graduate QTR EQUIV: IHE 606
	VERSION: REV **COURSE:** IHE6300 - Fundamentals of Human Factors Engineering **STUDENT REC TITLE:** Fund of HFE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of human factors engineering tools and processes as applied to systems development. Emphasis is placed on user-centered design principles. Material is presented through lectures and application-oriented projects. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Must be enrolled in one of the following Classifications: Graduate ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 XLIST: ISE 4300 QTR EQUIV: IHE 606

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5516 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE607 - Industrials Ergonomics **STUDENT REC TITLE:** Industrials Ergonomics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduces students to the application of ergonomic principles to the industrial environment. Includes subject matter on ergonomic planning and implementation, the work environment, NIOSHA work factors, and workstation and equipment design. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 602 or ISE 301 QTR EQUIV: IHE 607
	VERSION: REV **COURSE:** IHE6310 - Ergonomics **STUDENT REC TITLE:** Ergonomics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the application of ergonomic principles to the industrial environment. Includes ergonomic planning and implementation, the work environment, NIOSH work factors, work measurement and work-station and equipment design. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate Level IHE 6120 or ISE 2211 XLIST: ISE 4310 QTR PREREQ: Graduate level IHE 602 or ISE 301 QTR EQUIV: IHE 607

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5531 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE651 - Human Factors Engineering in Computer Systems Design **STUDENT REC TITLE:** HFE in Computer Dsgn **EFFECTIVE:** Fall 2010 **COURSE DESC:** Theoretical paradigms in human-computer interaction and their application to interface design are examined. Emphasis is placed on advanced interface technologies such as multimodel input/output, hypertext, and knowledge-based systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: IHE 606 QTR EQUIV: IHE 651
	VERSION: REV **COURSE:** IHE6320 - Human-System Interaction and Usability Engineering **STUDENT REC TITLE:** Hum-Sys Int & Usab Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** User-centered design and usability testing for product development with an emphasis on human-computer interfaces. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: IHE 6300 XLIST: ISE 4320 QTR PREREQ: IHE 606 QTR EQUIV: IHE 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5274 **STATUS:** Complete **CREATOR:** Chandler Phillips **CREATED:** 9/17/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE680 - Engineering in Occupational Safety and Health **STUDENT REC TITLE:** Egr in Occup Sfty & Hlth **EFFECTIVE:** Fall 2010 **COURSE DESC:** Discusses and demonstrates the role and responsibility of engineers in occupational safety and health related issues. Focuses on the application of human factors engineering design principles as a proactive approach for controlling occupational injuries. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci
	VERSION: REV **COURSE:** IHE6330 - Engineering in Occupational Safety and Health **STUDENT REC TITLE:** Egr in Occup Sfty & Hlth **EFFECTIVE:** Fall 2012 **COURSE DESC:** Discusses and demonstrates the role and responsibility of engineers in occupational safety and health related issues. Focuses on human factors engineering design principles as a proactive approach for controlling occupational injuries. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in one of the following Colleges: College of Egr & Computer Sci.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5527 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE681 - Engineering Economy **STUDENT REC TITLE:** Engineering Economy **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to analytical methods and techniques for optimizing the economic outcome of technical and managerial decisions. Topics include economic decision criteria, discounted cash flow, risk, depreciation, break-even analysis and tax considerations. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: EGR 101 or MTH 230 QTR EQUIV: IHE 681
	VERSION: REV **COURSE:** IHE6400 - Engineering Economy **STUDENT REC TITLE:** Engr Econ **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to analytical methods and techniques for optimizing the economic outcome of technical and managerial decisions. Includes time value of money, annual costs, present worth, future value, capitalized cost break-even analysis, and valuation and depreciation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: EGR 1010 or MTH 2300 XLIST: ISE 4400 QTR PREREQ: EGR 101 or MTH 230 QTR EQUIV: IHE 681

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5484 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/23/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE690 - Technology-Based Ventures **STUDENT REC TITLE:** Tech Based Ventures **EFFECTIVE:** Fall 2010 **COURSE DESC:** Train students on methods to develop breakthrough products with an entrepreneurial perspective and managerial outlook. Topics include advanced product development, protecting intellectual property, fostering strategic and creative thinking, effectively leading technology-driven teams. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: IHE 690
	VERSION: REV **COURSE:** IHE6410 - Technology-Based Ventures **STUDENT REC TITLE:** Tech Based Vent **EFFECTIVE:** Fall 2012 **COURSE DESC:** Train students on methods to develop breakthrough products with an entrepreneurial perspective and managerial outlook. Topics include advanced product development, protecting intellectual property, fostering strategic and creative thinking, effectively leading technology-driven teams. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 XLIST: IHE 4410, CEG 4900 QTR EQUIV: IHE 690

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5481 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/23/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE678 - Computational Models for ISE **STUDENT REC TITLE:** Comp Models for ISE **EFFECTIVE:** Fall 2010 **COURSE DESC:** Design and implement data structures and algorithms to create ISE-focused applications using object oriented methods. Applications of linear programming, discrete event simulation and operations research methods in decision support roles. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 670 QTR EQUIV: IHE 678
	VERSION: REV **COURSE:** IHE6510 - Computer Applications in IHE **STUDENT REC TITLE:** Comp Appl in IHE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Design and implement IHE-focused decision support systems built on existing computational modules. Includes applications of operations research methods and discrete event simulation in decision support roles. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6711 XLIST: ISE 4510 QTR PREREQ: Graduate level IHE 670 QTR EQUIV: IHE 678

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5477 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/23/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE670 - Deterministic Operations Research Models **STUDENT REC TITLE:** Det Oper Research Models **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introductory course of Deterministic Models in Operations Research and their Applications in Industrial and Systems Engineering. Students will formulate appropriate models, and obtain and interpret analytical results in the context of ISE problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: MTH 235 QTR EQUIV: IHE 670
	VERSION: REV **COURSE:** IHE6711 - Optimization Methods **STUDENT REC TITLE:** Optimiz Meth **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory course on deterministic models in operation research and their applications in Industrial and Human Systems Engineering. Students will formulate appropriate models, and obtain and interpret results in the context of IHE problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: MTH 2350 XLIST: ISE 4711 QTR PREREQ: MTH 235 QTR EQUIV: IHE 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5478 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/23/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE671 - Systems Performance Modeling **STUDENT REC TITLE:** Sys Performance Modeling **EFFECTIVE:** Fall 2010 **COURSE DESC:** Studies quantitative techniques to analyze and predict systems performance. Topics include queuing models, system simulation, model validation, data collection, quantitative analysis of system performance, and system design evaluation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (ISE 301 or Graduate level IHE 602) and CEG 220 QTR EQUIV: IHE 671
	VERSION: REV **COURSE:** IHE6712 - Simulation and Stochastic Models **STUDENT REC TITLE:** Sim & Stoch Models **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of quantitative techniques to analyze and predict systems performance. Topics include queuing models, system simulation, model validation, data collection, quantitative analysis of system performance, and system design evaluation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: (ISE 2212 or Graduate level HFE 6120) and (ISE 3540 or CEG 2170) XLIST: ISE 4712 QTR PREREQ: (ISE 301 or Graduate level IHE 602) and CEG 220 QTR EQUIV: IHE 671

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8790 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 4/10/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** CURR **COURSE:** IHE6711 - Optimization Methods **STUDENT REC TITLE:** Optimiz Meth **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory course on deterministic models in operation research and their applications in Industrial and Human Systems Engineering. Students will formulate appropriate models, and obtain and interpret results in the context of IHE problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: MTH 235 QTR EQUIV: IHE 670
	VERSION: REV **COURSE:** IHE6711 - Optimization Methods **STUDENT REC TITLE:** Optimiz Meth **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory course on deterministic models in operation research and their applications in Industrial and Human Systems Engineering. Students will formulate appropriate models, and obtain and interpret results in the context of IHE problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: MTH 2350 XLIST: ISE 4711 QTR PREREQ: MTH 235 QTR EQUIV: IHE 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8791 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 4/10/12 **APPROVED:** 4/17/12 WorkFlow	**VERSION:** CURR **COURSE:** IHE6712 - Simulation and Stochastic Models **STUDENT REC TITLE:** Sim & Stoch Models **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of quantitative techniques to analyze and predict systems performance. Topics include queuing models, system simulation, model validation, data collection, quantitative analysis of system performance, and system design evaluation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (ISE 302 or Graduate level IHE 603) and CEG 220 QTR EQUIV: IHE 671
	VERSION: REV **COURSE:** IHE6712 - Simulation and Stochastic Models **STUDENT REC TITLE:** Sim & Stoch Models **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of quantitative techniques to analyze and predict systems performance. Topics include queuing models, system simulation, model validation, data collection, quantitative analysis of system performance, and system design evaluation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: (ISE 2212 or Graduate level IHE 6120) and (ISE 3540 or CEG 2170) XLIST: ISE 4712 QTR PREREQ: (ISE 302 or Graduate level IHE 603) and CEG 220 QTR EQUIV: IHE 671

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5479 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/23/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE683 - Integrated Systems for Manufacturing **STUDENT REC TITLE:** Integ Sys for Manufact **EFFECTIVE:** Fall 2010 **COURSE DESC:** Explores industrial engineering concepts and quantitative techniques as it applies to manufacturing planning and control systems. Discusses production and service industries as well as supply chain systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate Level IHE 602 and Graduate Level IHE 670 QTR EQUIV: IHE 683
	VERSION: REV **COURSE:** IHE6810 - Production and Service Systems **STUDENT REC TITLE:** Prod & Serv Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores quantitative techniques as applied to planning and control of systems in production and service industries. Applications include inventory control, scheduling, waiting time & variability management and production/workforce planning. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate Level IHE 6120 and Graduate Level IHE 6711 XLIST: ISE 4810 QTR PREREQ: Graduate Level IHE 602 and Graduate Level IHE 670 QTR EQUIV: IHE 683

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5480 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/23/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE682 - Operations and Facilities Design **STUDENT REC TITLE:** Oper & Facilities Design **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides a fundamental understanding of techniques for the layout and organization of operations in modern production and service facilities. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 670 QTR EQUIV: IHE 682
	VERSION: REV **COURSE:** IHE6820 - Supply Chain Analysis and Design **STUDENT REC TITLE:** Supp Ch Analy & Des **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides fundamental understanding of supply chain systems and their structure. Techniques for analysis and design of the components and interactions including forecasting, inventory, warehouse operations & location, transportation and contemporary issues. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6711 XLIST: ISE 4820 QTR PREREQ: Graduate level IHE 670 QTR EQUIV: IHE 682

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5525 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE684 - Probablistic Methods in Operations Management **STUDENT REC TITLE:** Prob Methods in OR **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provide an in-depth coverage of theory and methods to the analysis and design of probalistic systems. Topics include conditional probability, markov chains, and queuing theory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level HFE 602 or Graduate level IHE 670 QTR EQUIV: IHE 684
	VERSION: REV **COURSE:** IHE7713 - Stochastic Models for Engineers **STUDENT REC TITLE:** Stoch Mod for Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory and methods for the analysis and design of probabilistic systems. Topics include conditional probability, Poisson processes, properties of exponential models, Markov chains, and queuing theory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level HFE 6120 or Graduate level IHE 6711 QTR PREREQ: Graduate level HFE 602 or Graduate level IHE 670 QTR EQUIV: IHE 684

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5517 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE685 - Six Sigma for Engineers **STUDENT REC TITLE:** Six Sigma for Engineers **EFFECTIVE:** Fall 2010 **COURSE DESC:** The course introduces students to the practical application of Six Sigma tools in the manufacturing and service projects. The course also includes video tapes and case studies or real world industrial operations. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate Level IHE 602 or ISE 301 QTR EQUIV: IHE 685
	VERSION: REV **COURSE:** IHE6850 - Six Sigma for Engineers **STUDENT REC TITLE:** Six Sigma for Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the practical application of Six Sigma tools in production and service contexts. Includes videos and case studies of real world applications. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate Level IHE 6120 or ISE 2211 XLIST: BME 4850, ISE 4850, BME 6850 QTR PREREQ: Graduate Level IHE 602 or ISE 301 QTR EQUIV: IHE 685

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7164 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** IHE6980 - Graduate Special Topics in Industrial & Human Factors Engineering I **STUDENT REC TITLE:** Special Topics in ISE I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate special topics in advanced industrial and human factors engineering. Topics vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7166 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** IHE6990 - Graduate Independent Studies in Industrial & Human Factors Engineering I **STUDENT REC TITLE:** Independ Stdy in ISE I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate independent studies in advanced industrial and human factors engineering. Topics vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5519 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE742 - Understanding and Aiding Human Decision Making **STUDENT REC TITLE:** Human Decision Making **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the methods, concepts, models and results of the science of decision-making and human-centered design. Prescriptive and descriptive theories of human decision making are discussed and contrasted. Approaches to aiding human decision making are considered in the context of these theoretical frameworks. Applications-oriented issues are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 602 or ISE 301 QTR EQUIV: IHE 742
	VERSION: REV **COURSE:** IHE7010 - Understanding and Aiding Human Decision Making **STUDENT REC TITLE:** Hum Dec Mak **EFFECTIVE:** Fall 2012 **COURSE DESC:** Methods, concepts, theories and practice of decision analysis and its role in providing decision-making assistance to human decision makers. Applications-oriented issues are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6120 or ISE 2211 QTR PREREQ: Graduate level IHE 602 or ISE 301 QTR EQUIV: IHE 742

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5523 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE709 - Integer Programming **STUDENT REC TITLE:** Integer Programming **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course is to present theory and algorithm to solve integer programs and their applications in industry. Applications will be drawn from diverse areas and state of the art optimization software will be used. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 670 or ISE 470 QTR EQUIV: IHE 709
	VERSION: REV **COURSE:** IHE7711 - Integer Optimization and Heuristics **STUDENT REC TITLE:** Int Opt & Heur **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory, formulation and solution algorithms for integer programs. Formulations for applications of integer optimization in industry drawn from diverse areas. Advanced optimization and heuristic techniques including random, evolutionary and systematic search. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6711 or ISE 4711 QTR PREREQ: Graduate level IHE 670 or ISE 470 QTR EQUIV: IHE 709

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5680 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/29/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** IHE710 - Ergonomic Engineering **STUDENT REC TITLE:** Ergonomic Engineering **EFFECTIVE:** Winter 2011 **COURSE DESC:** Advanced applications from a variety of bioengineering subfields are identified and defined with respect to their importance in he practice of human factors engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: IHE 710
	VERSION: REV **COURSE:** IHE7315 - Ergonomic Engineering **STUDENT REC TITLE:** Ergon Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced applications from a variety of bioengineering subfields are identified and defined with respect to their importance in the practice of human factors engineering. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775 5044. XLIST: BME 7315 QTR EQUIV: IHE 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5678 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/29/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** IHE725 - Quantitative Workload Analysis **STUDENT REC TITLE:** Quant Wrkload Analysis **EFFECTIVE:** Winter 2011 **COURSE DESC:** Physiological and mathematical methods needed to accomplish a workload analysis as a requisite to a system design or a redesign of an ergonomic system. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: IHE 725
	VERSION: REV **COURSE:** IHE7331 - Quantitative Workload Analysis **STUDENT REC TITLE:** Quant Workload Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Physiological and mathematical methods needed to accomplish a workload analysis as a requisite to a system design or a redesign of an ergonomic system. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 XLIST: BME 7331 QTR EQUIV: IHE 725

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5526 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE730 - Heuristic Optimization **STUDENT REC TITLE:** Heuristic Optimization **EFFECTIVE:** Fall 2010 **COURSE DESC:** A course in advanced (non-traditional) optimization modeling techniques. Topics include biologically-inspired approaches, agent-based approaches, simulation and optimization and classical heurisitic optimization methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 671 or Graduate level IHE 682
	VERSION: REV **COURSE:** IHE7820 - Engineering Supply Chain Systems **STUDENT REC TITLE:** Engr Suppl Chn Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced topics in the design of supply chain systems and planning for their operations. Emphasis on model development and solution using operations research techniques. Applications in forecasting, facility location, warehouse design, and integrated distribution planning. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6711 or Graduate level IHE 6820 QTR PREREQ: Graduate level IHE 671 or Graduate level IHE 682

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5520 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE734 - Experimental Research and Evaluation in HFE **STUDENT REC TITLE:** Exp Rerch & Eval in HFE **EFFECTIVE:** Fall 2010 **COURSE DESC:** Reviews issues related to designing, conducting, and analyzing experiments. Topics include experimental design, experimental ethics, evaluating statistical results, and writing research papers. Students are required to conduct and analyze an experiment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 603 or Graduate level EGR 705 QTR EQUIV: IHE 734
	VERSION: REV **COURSE:** IHE7300 - Research Methods in HFE **STUDENT REC TITLE:** Res Meth in HFE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to research methods available to human factors engineers. Topics include experimental ethics, experimental methods, non-experimental methods, data analysis, and writing research papers. Students are required to conduct and analyze an experiment. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6130 or Graduate level EGR 7050 QTR PREREQ: Graduate level IHE 603 or Graduate level EGR 705 QTR EQUIV: IHE 734

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5529 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** IHE745 - Advanced Industrial Ergonomics **STUDENT REC TITLE:** Adv Ind Ergonomics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Design of workstations and hand-tools using Physiology and Biomechanics approach. Ergonomic analysis of assembly, machining and manual material handeling operations. Practical solutions and real world case studies to improve productivity and reduce Workers Compensation costs. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 607 QTR EQUIV: IHE 745
	VERSION: REV **COURSE:** IHE7310 - Advanced Ergonomics **STUDENT REC TITLE:** Adv Ergon **EFFECTIVE:** Fall 2012 **COURSE DESC:** Design of workstations and hand-tools using physiology and biomechanics approach. Ergonomic analysis of assembly, machining and manual material handling operations. Practical solutions and real world case studies to improve productivity and reduce workers compensation costs. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6310 XLIST: BME 7310 QTR PREREQ: Graduate level IHE 607 QTR EQUIV: IHE 745

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5626 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/28/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE760 - Human Factors Engineering in Virtual Reality **STUDENT REC TITLE:** HFE in Virtual Reality **EFFECTIVE:** Winter 2011 **COURSE DESC:** **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: CEG 220 QTR EQUIV: IHE 760
	VERSION: REV **COURSE:** IHE7320 - Human Factors in Virtual Environments **STUDENT REC TITLE:** HF in Virtual Env **EFFECTIVE:** Fall 2012 **COURSE DESC:** Techniques for effectively incorporating human factors considerations in the design and development of virtual environments. Includes coverage of input devices, head-mounted displays, health-related issues and measurement of human performance. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: CEG 2170 or ISE 3540 QTR PREREQ: CEG 220 QTR EQUIV: IHE 760

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5681 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/29/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** IHE749 - Ergonomic Biodynamics **STUDENT REC TITLE:** Ergonomic Biodynamics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Covers quantitative assessment of human motions. Mathematical descriptions include anthropometry, kinematics, kinetics, and dynamics. The methods of kinesiology, biomechanical modeling, and electromyography are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: IHE 749
	VERSION: REV **COURSE:** IHE7335 - Ergonomic Biodynamics **STUDENT REC TITLE:** Ergon Biodyn **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers quantitative assessment of human motions. Mathematical descriptions include anthropometry, kinematics, kinetics, and dynamics. The methods of kinesiology, biomechanical modeling, and electromyography are emphasized. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 XLIST: BME 7335 QTR EQUIV: IHE 749

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5524 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE735 - Advanced Systems Models **STUDENT REC TITLE:** Adv Systems Models **EFFECTIVE:** Fall 2010 **COURSE DESC:** Studies quantitative means of modeling, analyzing, and predicting the performance of human-machine systems. Topics include control theory, estimation theory, fuzzy set theory, information theory, and knowledge-based systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 602 QTR EQUIV: IHE 735
	VERSION: REV **COURSE:** IHE7712 - Discrete Event Modeling and Analysis **STUDENT REC TITLE:** Disc Ev Mod & Analy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Modeling of systems using discrete event techniques. Structures to support discrete event models with experience in building and verifying models. Analysis of simulation output data and creating model input from data using statistical techniques. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6120 QTR PREREQ: Graduate level IHE 602 QTR EQUIV: IHE 735

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5518 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** IHE744 - Kaizen/Lean Manufacturing for Engineers **STUDENT REC TITLE:** Kaizen/Lean Manufact Egr **EFFECTIVE:** Fall 2010 **COURSE DESC:** The course introduces students to the practical application of Lean manufacturing and Kaizen techniques in the manufacturing environment. It also includes case studies and team projects of real world problems and solutions. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level IHE 607 QTR EQUIV: IHE 744
	VERSION: REV **COURSE:** IHE7850 - Lean Process Improvement for Engineers **STUDENT REC TITLE:** Lean Proc Imp for Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the practical application of lean manufacturing and kaizen techniques in multiple environments. Includes case studies and team projects based on real world problems and solutions. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6310 XLIST: BME 7850 QTR PREREQ: Graduate level IHE 607 QTR EQUIV: IHE 744

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5521 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** REV **COURSE:** IHE7510 - Data Mining **STUDENT REC TITLE:** Data Mining **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts, techniques, and applications of data mining. In addition, students will get hands-on data mining experience through projects. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 SEM PREREQ: Graduate level IHE 6130 QTR PREREQ: Graduate level IHE 603

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5530 **STATUS:** Complete **CREATOR:** Frank Ciarallo **CREATED:** 9/24/10 **APPROVED:** 11/2/10 WorkFlow	**VERSION:** CURR **COURSE:** IHE765 - Engineering Health Systems **STUDENT REC TITLE:** Engineering Health Systems **EFFECTIVE:** Fall 2010 **COURSE DESC:** **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: IHE 765
	VERSION: REV **COURSE:** IHE7810 - Engineering Health Systems **STUDENT REC TITLE:** Engr Health Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Applications of quality improvement, reliability and human factors techniques in modern, technology-driven health-care systems. Focuses on issues related to patient safety and overall system performance. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Additional information can be obtained by contacting the Department of Biomedical, Industrial and Human Factors Engineering (937) 775-5044 QTR EQUIV: IHE 765

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7168 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** IHE7930 - M.S. Non-Thesis Research in Industrial & Human Factors Engineering **STUDENT REC TITLE:** Non-Thesis Resrch in ISE **EFFECTIVE:** Fall 2012 **COURSE DESC:** M.S. Non-Thesis Research in Industrial and Human Factors Engineering **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7169 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** IHE7950 - M.S. Thesis Research in Industrial & Human Factors Engineering **STUDENT REC TITLE:** Thesis Research in ISE **EFFECTIVE:** Fall 2012 **COURSE DESC:** M.S. Thesis Research in Industrial and Human Factors Engineering **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7165 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/21/11 WorkFlow	**VERSION:** REV **COURSE:** IHE7980 - Graduate Special Topics in Industrial & Human Factors Engineering II **STUDENT REC TITLE:** Special Topics in ISE II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate special topics in advanced industrial and human factors engineering. Topics vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7167 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/17/11 WorkFlow	**VERSION:** REV **COURSE:** IHE7990 - Graduate Independent Studies in Industrial & Human Factors Engineering II **STUDENT REC TITLE:** Independ Stdy in ISE II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate independent studies in advanced industrial and human factors engineering. Topics vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 16 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7170 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** REV **COURSE:** IHE8930 - Ph.D. Non-Dissertation Research in Industrial & Human Factors Engineering **STUDENT REC TITLE:** Non-Dissrt Resrch in ISE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Ph.D. Non-Dissertation Research in Industrial and Human Factors Engineering **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7171 **STATUS:** Complete **CREATOR:** David Kender **CREATED:** 1/30/11 **APPROVED:** 10/17/11 WorkFlow	**VERSION:** REV **COURSE:** IHE8950 - Ph.D. Dissertation Research in Industrial & Human Factors Engineering **STUDENT REC TITLE:** Dissertation Resrch ISE **EFFECTIVE:** Fall 2012 **COURSE DESC:** Ph.D. Dissertation Research in Industrial and Human Factors Engineering **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled as a graduate student in the College of Engineering and Computer Science. Requires department permission.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7752 **STATUS:** Complete **CREATOR:** Michelle Streeter-Ferrari **CREATED:** 5/3/11 **APPROVED:** 5/24/11 WorkFlow	**VERSION:** CURR **COURSE:** ITL789 - Int'l Continued Registration **STUDENT REC TITLE:** Int'l Continued Registration **EFFECTIVE:** Spring 2010 **COURSE DESC:** International studnets in graduate programs requiring a thesis or dissertation and who have completed all degree requirements may register for ITL 789. This course is not graded and does not carry a tuition charge. **COLLEGE:** School of Graduate Studies **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ITL 789
	VERSION: REV **COURSE:** ITL7890 - International Continued Registration **STUDENT REC TITLE:** Int'l Con't Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** International students in graduate programs requiring a thesis or dissertation and who have completed all degree requirements may register for ITL 789. This course is not graded and does not carry a tuition charge. **COLLEGE:** Other **CRED HR:** 0 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: By permission of instructor only. Not for undergraduate students. QTR EQUIV: ITL 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5632 **STATUS:** Complete **CREATOR:** Barbara Cwirka **CREATED:** 9/28/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** REV **COURSE:** KNH8990 - Physical Education Research **STUDENT REC TITLE:** Phys Ed Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Under the supervision of a thesis committee and chair, students select a physical education problem, prepare a proposal detailing the research question, complete the research, write their thesis with full documentation and defend their work before the committee. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate must be enrolled in College of Education and Human Services. SEM PREREQ: HPR 7800; EDL 7510

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5495 **STATUS:** Complete **CREATOR:** Bruce Laforse **CREATED:** 9/23/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** LAT681 - Independent Reading in Latin **STUDENT REC TITLE:** Independent Reading in Latin **EFFECTIVE:** Fall 2010 **COURSE DESC:** Reading and discussion of selected works of Latin literature with emphasis on grammatical, rhetorical, literary, and cultural analysis and criticism. May be repeated for credit by number, but not by content. Prerequisite: three years college Latin or departmental permission. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** LAT6810 - Independent Reading in Latin **STUDENT REC TITLE:** Indepen Reading in Latin **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading and discussion of selected works of Latin literature with emphasis on grammatical, rhetorical, literary, and cultural analysis and criticism. May be repeated for credit by number, but not by content. Prerequisite: three years college Latin or departmental permission. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: instructor's permission

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1061 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 12/15/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** LAW735 - Law for Accountants **STUDENT REC TITLE:** Law for Accountants **EFFECTIVE:** Winter 2010 **COURSE DESC:** Course covers the legal implications of business transactions, particularly as they relate to accounting and auditing. It includes agency law, business structures, government regulation of business, and the Uniform Commercial Code. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** LAW7350 - Law for Accountants **STUDENT REC TITLE:** Law for Accountants **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course covers specific areas of business law that are included on the CPA Examination. Law and their application are drawn from the following general areas of business law: agency, business organizations, bankurptcy, the Uniform Commercial Code, accountants' liability, and property. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: Graduate status

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1187 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** LDR701 - Theories of Organizing, Leading and Change **STUDENT REC TITLE:** Theories of Leading **EFFECTIVE:** Winter 2010 **COURSE DESC:** Overviews a variety of selected theories about leading, organizing, and organizational change with a focus on how each theoretical approach can inform and influence the practice of leadership in real-world settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 701
	VERSION: REV **COURSE:** LDR7010 - Theories of Organizing, Leading and Change **STUDENT REC TITLE:** Theories of Leading **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overviews a variety of selected theories about leading, organizing, and organizational change with a focus on how each theoretical approach can inform and influence the practice of leadership in real-world settings. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1188 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** LDR703 - Building Leadership Capacity **STUDENT REC TITLE:** Building Leadership Capacity **EFFECTIVE:** Winter 2010 **COURSE DESC:** Students will explore leadership capacity from assessment through development and its alignment with leadership competenices. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 703
	VERSION: REV **COURSE:** LDR7030 - Building Leadership Capacity **STUDENT REC TITLE:** Bldg Leadership Capacity **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will explore leadership capacity from assessment through development and its alignment with leadership competenices. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1186 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** LDR705 - Moral Leadership: Ethics, Social Justice and Authenticity **STUDENT REC TITLE:** Moral Leadership **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course focuses on the foundations of moral leadership including ethics, social justice and authenticity. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 705
	VERSION: REV **COURSE:** LDR7050 - Moral Leadership: Ethics, Social Justice and Authenticity **STUDENT REC TITLE:** Moral Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on the foundations of moral leadership including ethics, social justice and authenticity. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1189 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** LDR707 - Teaming, communication, and collaboration in a Global Society **STUDENT REC TITLE:** Teaming & Collaboration **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course focuses on theory, research, and current trends related to group dynamics and communication processes used to build organizational effectiveness in a diverse, multicultural workplace. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 707
	VERSION: REV **COURSE:** LDR7070 - Teaming, Communication, and Collaboration in a Global Society **STUDENT REC TITLE:** Teaming & Collaboration **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on theory, research, and current trends related to group dynamics and communication processes used to build organizational effectiveness in a diverse, multicultural workplace. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1191 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** LDR709 - Organizational Intentionality and Sustainability **STUDENT REC TITLE:** Org. Intent & Sustainability **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course focuses on theoretical and practical models for understanding interntional and sustainable organizational development. Central to this focus is the understanding of the relationships of both technical and adaptive leadership to organizational outcomes. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 709
	VERSION: REV **COURSE:** LDR7090 - Organizational Intentionality and Sustainability **STUDENT REC TITLE:** Org. Intent & Sustainabi **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on theoretical and practical models for understanding interntional and sustainable organizational development. Central to this focus is the understanding of the relationships of both technical and adaptive leadership to organizational outcomes. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 709

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1192 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** LDR710 - Developing Interpersonal Competencies **STUDENT REC TITLE:** Develop Interpers Compet **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course focuses upon the understanding, application, and assessment of interpersonal competenices. Further, the course addresses the emotional and social awareness necessary to sustain leadership effectiveness. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 710
	VERSION: REV **COURSE:** LDR7100 - Developing Interpersonal Competencies **STUDENT REC TITLE:** Develop Interpers Compet **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses upon the understanding, application, and assessment of interpersonal competenices. Further, the course addresses the emotional and social awareness necessary to sustain leadership effectiveness. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1193 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 12/21/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** LDR720 - Emerging Issues in Leadership **STUDENT REC TITLE:** Emerging Issues Ldrshp **EFFECTIVE:** Winter 2010 **COURSE DESC:** Focuses on critical analysis of emerging, contemporary leadership issues. Students apply a broad range of current leadership literature to the research, development, and analysis of case studies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 720
	VERSION: REV **COURSE:** LDR7200 - Emerging Issues in Leadership **STUDENT REC TITLE:** Emerging Issues Ldrshp **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on critical analysis of emerging, contemporary leadership issues. Students apply a broad range of current leadership literature to the research, development, and analysis of case studies. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD Must be enrolled in one of the following Levels: Graduate QTR EQUIV: LDR 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4312 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 7/22/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** LDR730 - Research Methods for Leadership **STUDENT REC TITLE:** Research Methods **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course focuses on the need for learners to understand collecting, analyzing, and interpreting of data related to decision making in the workplace. Research concepts, reasoning, design and basic data analysis skills are introduced. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: LDR 730
	VERSION: REV **COURSE:** LDR7300 - Research Methods for Leadership **STUDENT REC TITLE:** Research Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on the need for learners to understand collecting, analyzing, and interpreting of data related to decision making in the workplace. Research concepts, reasoning, design and basic data analysis skills are introduced. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Leadership Development - MSLD May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: LDR 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3275 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 5/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** LDR7450 - Reviewing Leadership Literature & Research Design **STUDENT REC TITLE:** Lit & Research Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides students with the tools necessary to synthesize leadership literature; and plan, analyze, and report results from research projects related to leadership. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admission to the Master of Science in Leadership Development program or department permission. Must be enrolled in one of the following Levels: Graduate ADD INFO: New course

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3276 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 5/17/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** LDR7600 - Research Project **STUDENT REC TITLE:** Research Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course guides individual research projects to insure that the project demonstrates the students ability to take a problem from inquiry and data gathering, through analysis and solution identification, to formal presentation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 8 REP TIMES: 0 RESTRICTION: Admission to the Master of Science in Leadership Development program or department permission. Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7006 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 1/25/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** LDR8600 - Independent Study in Leadership **STUDENT REC TITLE:** Ind Study in Leadershihp **EFFECTIVE:** Fall 2012 **COURSE DESC:** For students interested in exploring independent study related to a topic in leadership. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 9 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7007 **STATUS:** Complete **CREATOR:** Kindra Ropp **CREATED:** 1/25/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** LDR8700 - Workshop in Leadership **STUDENT REC TITLE:** Workshop in Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** Small group learning for graduate students interested in exploring a topic in leadership. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3206 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 5/12/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** LDR9990 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course guides implementation of individual Masters Thesis projects from inquiry and data gathering, through analysis and solution identification, to formal presentation. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 8 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5767 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 9/30/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I634 - Biological Safety **STUDENT REC TITLE:** Biological Safety **EFFECTIVE:** Winter 2011 **COURSE DESC:** The basic principles and practices of biosafety are examined. This course teaches the identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** M&I6340 - Biological Safety **STUDENT REC TITLE:** Biological Safety **EFFECTIVE:** Fall 2012 **COURSE DESC:** Identification, handling, and containment of potentially hazardous biological materials, including microorganisms and recombinant DNA. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: ANT 6340, EES 6750, ANT 4340, EES 4750, BMS 8170, BIO 4340

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3019 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 5/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I675 - Pathogenic Mechanisms **STUDENT REC TITLE:** Pathogenic Mechanisms **EFFECTIVE:** Spring 2010 **COURSE DESC:** (Also listed as BMS 775.) This advanced level course will expand the knowledge of basic microbiology by focusing on human-microbial pathogen interactions. The molecular basis of the pathogenic mechanisms will be emphasized. In addition, the student will gain a better appreciation and understanding of the complexities of interactions between microbes and their human hosts. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** M&I6750 - Pathogenic Mechanisms **STUDENT REC TITLE:** Pathogenic Mechanisms **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as BMS 7750) This advanced level course will expand the knowledge of basic microbiology by focusing on human-microbial pathogen interactions. The molecular basis of the pathogenic mechanisms will be emphasized. In addition, the student will gain a better appreciation and understanding of the complexities of interactions between microbes and their human hosts. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: M&I 4260 or M&I 7260 XLIST: BMS 7750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3021 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 5/4/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I699 - Special Problems-Microbiology **STUDENT REC TITLE:** Special Problems-Microbiology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Study of the physiological and biochemical processes unique to microorganisms. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** M&I6990 - Special Problems Microbiology & Immunology **STUDENT REC TITLE:** Special Problems in M&I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the physiological and biochemical processes unique to microorganisms and the host response to microbes. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 2 - 5 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3015 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 5/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I726 - Immunology **STUDENT REC TITLE:** Immunology & Basic Virology **EFFECTIVE:** Spring 2010 **COURSE DESC:** (Also listed as BMS 802.) Fundamentals of immunobiology and basic virology. Emphasis on the regulatory and cellular level of host immune responses against microbial pathogens, as well as mechanisms of immunopathology, and on the characteristics and molecular biology of virus pathogens. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: BIO 312
	VERSION: REV **COURSE:** M&I7260 - Immunology **STUDENT REC TITLE:** Immunology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as BMS 8020) Fundamentals of immunobiology and basic virology. Emphasis on the regulatory and cellular level of host immune responses against microbial pathogens, as well as mechanisms of immunopathology, and on the characteristics and molecular biology of virus pathogens. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Recitation Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BIO 3120 XLIST: BMS 8020 QTR PREREQ: BIO 312

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3020 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 5/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I727 - Pathogenic Microbiology **STUDENT REC TITLE:** Pathogenic Microbiology **EFFECTIVE:** Spring 2010 **COURSE DESC:** (Also listed as BMS 803.) Microorganisms pathogenic for humans and animals using the organ system approach. Emphasis on mechanisms of pathogenesis and host resistance. Includes a project segment devoted to the independent study of the mechanisms of pathogenesis in the host-parasite interactions of the infectious agents used. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** M&I7270 - Pathogenic Microbiology **STUDENT REC TITLE:** Pathogenic Microbiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as BMS 8030) Microorganisms pathogenic for humans and animals using the organ system approach. Emphasis on mechanisms of pathogenesis and host resistance. Includes a project segment devoted to the independent study of the mechanisms of pathogenesis in the host-parasite interactions of the infectious agents used. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Recitation Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: BMS 8030

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5766 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 9/30/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I731 - Virology **STUDENT REC TITLE:** Virology **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BMS 807.) Introduction to the field of virology with emphasis on animal viruses. Intrinsic properties of viruses and their interaction with cells; multiplication, disease production, genetics, and tumor induction. Projects assigned to each student. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** M&I7310 - Virology **STUDENT REC TITLE:** Virology **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an introduction to the field of virology. The course emphasizes the intrinsic properties of viruses that cause human disease and their interaction with cells, multiplication, genetics, and tumor induction. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BIO 2110, 2120 and 3210 (recommended) XLIST: BMS 8070

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5768 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 9/30/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I777 - Gene Therapy **STUDENT REC TITLE:** Gene Therapy **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as BIO 777.) Study of the molecular basis of gene therapy and the use of viral gene delivery systems for the treatment of human disease. Gene therapy strategies are contrasted with various diseases, including cancer and AIDS. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** M&I7770 - Gene Therapy **STUDENT REC TITLE:** Gene Therapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** The molecular basis of gene therapy and the use of viral gene delivery systems for the treatment of human disease are examined. Gene therapy strategies are contrasted with various diseases, including cancer and AIDS. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: BIO 2110, 2120, and 3120 (recommended) XLIST: BMS 7770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3017 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 5/4/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** M&I7890 - Research in Microbiology and Immunology **STUDENT REC TITLE:** Research in M&I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will complete their research and/or thesis under the guidance of a faculty member. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8001 **STATUS:** Process **CREATOR:** Laura Buerschen **CREATED:** 9/14/11 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** CURR **COURSE:** M&I800 - Microbiology Seminar **STUDENT REC TITLE:** Microbiology Seminar **EFFECTIVE:** Fall 2011 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: M&I 800
	VERSION: REV **COURSE:** M&I8000 - Microbiology Seminar **STUDENT REC TITLE:** Microbiology Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 2 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Quarter equivalent to M&I801 as well QTR EQUIV: M&I 800

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3008 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 5/3/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I844 - Sem Topics - Immune Regulation **STUDENT REC TITLE:** Sem Topics - Immune Regulation **EFFECTIVE:** Spring 2010 **COURSE DESC:** Maintenance of immune homeostasis with emphasis on the contributions of lymphocyte subpopulations. Sequelae of immune imbalance are studied. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** M&I8440 - Sem Topics - Microbiology & Immunology **STUDENT REC TITLE:** Sem Topics - M&I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Molecular virology, viral oncology, immunology, transplantation immunology, tumor immunology, immune regulation, infection and immunity. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3022 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 5/4/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** M&I899 - Microbiology Research **STUDENT REC TITLE:** Microbiology Research **EFFECTIVE:** Spring 2010 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** M&I8990 - Microbiology Research **STUDENT REC TITLE:** Microbiology Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 2 - 12 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8182 **STATUS:** Complete **CREATOR:** Richard Williams **CREATED:** 1/10/12 **APPROVED:** 1/24/12 WorkFlow	**VERSION:** REV **COURSE:** MBA5100 - Survey of Financial Accounting **STUDENT REC TITLE:** Survey of Financial Acct **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides a basic understanding of financial accounting through examination of the concepts underlying generally accepted accounting principles and basic financial statements. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
281 **STATUS:** Complete **CREATOR:** Joseph Eisenhauer **CREATED:** 11/5/09 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** MBA520 - Survey of Economics for MBA's **STUDENT REC TITLE:** Survey of Econ for MBA's **EFFECTIVE:** Winter 2010 **COURSE DESC:** An introduction to economics. Provides students with modes of reasoning regarding individual and business behavior and enhances student's ability to understand the aggregate economy and how it influences business decisions. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MBA 520
	VERSION: REV **COURSE:** MBA5200 - Survey of Economics **STUDENT REC TITLE:** Survey of Economics **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to economics. Provides students with modes of reasoning regarding individual and business behavior and enhances students' ability to understand the aggregate economy and how it influences business decisions. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. QTR EQUIV: MBA 520

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5391 **STATUS:** Complete **CREATOR:** Sharon Wik **CREATED:** 9/21/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** MBA530 - Survey of Finance **STUDENT REC TITLE:** Survey of Finance **EFFECTIVE:** Fall 2010 **COURSE DESC:** Theories, concepts, and techniques of financial management. Designed for student with no previous course work in financial management and for those with a need to review the basic techniques. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** MBA5300 - Survey of Finance **STUDENT REC TITLE:** Survey of Finance **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theories, concepts, and techniques of financial management. Designed for student with no previous course work in financial management and for those with a need to review the basic techniques. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: MBA in Business. Other: By permission of the department chair and/or instructor. SEM PREREQ: MBA 5100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5471 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 9/22/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** MBA5400 - Survey of Law **STUDENT REC TITLE:** Survey of Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course offers MBA students without prior course work in business law a survey of topics related to domestic and international business law with the focus on practical applications of basic legal principles. The course offers direct experience with the tools of legal analysis in order to provide students with the fundamentals for making well-grounded business decisions. Subject areas include contracts, torts, constitutional, employment law, corporations, LLCs and other aspects of commercial law. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: Course is a foundational course for MBA students from non-business undergraduate majors lacking Law 3000 or equivalent course in the Legal Environment of Business.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5468 **STATUS:** Process **CREATOR:** Patricia Fox **CREATED:** 9/22/10 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** CURR **COURSE:** MBA580 - Survey of Quantitative Business Analysis **STUDENT REC TITLE:** Survey of Quant Bus Analysis **EFFECTIVE:** Fall 2010 **COURSE DESC:** Survey of quantitative techniques relevant to private and public sector resource allocation, production, and management decision problems, including linear programming, queuing analysis, and decision theory. Emphasis on mathematical modeling and interpretation of solutions. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MBA 580
	VERSION: REV **COURSE:** MBA5800 - Survey of Quantitative Business Analysis **STUDENT REC TITLE:** Survey Quan Bus Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of quantitative techniques relevant to private and public sector resource allocation, production, and management decision problems, including linear programming, queuing analysis, and decision theory. Emphasis on mathematical modeling and interpretation of solutions. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MBA 580

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8050 **STATUS:** Complete **CREATOR:** James Greenspan **CREATED:** 10/18/11 **APPROVED:** 11/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MBA710 - Strategic Cost Management **STUDENT REC TITLE:** Strategic Cost Management **EFFECTIVE:** Winter 2012 **COURSE DESC:** Application of advanced management accounting concepts to strategic management decisions. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** MBA7100 - Strategic Cost Management **STUDENT REC TITLE:** Strategic Cost Mgt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of advanced management accounting concepts to strategic management decisions. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5392 **STATUS:** Complete **CREATOR:** Sharon Wik **CREATED:** 9/21/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** MBA730 - Financial Analysis and Decision Making **STUDENT REC TITLE:** Fin Analysis & Dec Making **EFFECTIVE:** Fall 2010 **COURSE DESC:** Application of finance concepts theories, and techniques of financial management. Emphasis on case problems and decision making. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: MBA 530 or equivalent QTR EQUIV: MBA 730
	VERSION: REV **COURSE:** MBA7300 - Financial Analysis and Decision Making **STUDENT REC TITLE:** Fin Analysis & Decision **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of finance concepts theories, and techniques of financial management. Emphasis on case problems and decision making. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: MBA 5300 or equivalent QTR PREREQ: MBA 530 or equivalent QTR EQUIV: MBA 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4017 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/25/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** MBA750 - Leading Teams and Organizations **STUDENT REC TITLE:** Leading Teams/Organiza **EFFECTIVE:** Fall 2010 **COURSE DESC:** A hands-on, experience-based course devoted to leading people and teams in today's workplace. Emphasizes communication, conflict resolution, influence strategies, and empowerment principles. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MBA 750
	VERSION: REV **COURSE:** MBA7500 - Leadership and Ethics **STUDENT REC TITLE:** Leadership and Ethics **EFFECTIVE:** Fall 2012 **COURSE DESC:** To understand and develop leadership skills as well as ethical behavior and the importance of both within an organization. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MBA 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8019 **STATUS:** Complete **CREATOR:** Richard Williams **CREATED:** 10/3/11 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** REV **COURSE:** MBA7520 - International Business Management: Operations and Environments **STUDENT REC TITLE:** Intl. Mgt: Ops & Environ **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course surveys the practices and principles involved in managing a business across national boundaries. Emphasizes the importance of the global institutional framework including the international monetary system and foreign exchange markets. Also covers environmental constraints and how functional business disciplines are changed in a global context. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Must be enrolled in the Raj Soin College of Business.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1572 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 1/12/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** MBA755 - Developing and Implementing Competitive Strategies **STUDENT REC TITLE:** Competitive Strategy **EFFECTIVE:** Winter 2010 **COURSE DESC:** Competitive strategy as practiced in organizations from an integrated (cross-functional) perspective. Industries, competition, and other environmental forces are analyzed to determine an organization's competitive strategy. Student team work required. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** MBA7550 - Developing and Implementing Competitive Strategies **STUDENT REC TITLE:** Competitive Strategy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory and practice of making decisions that shape the future of a firm. Content and process of the course will focus on the complexity of analytical strategic decision making from the perspective of managers who are responsibile for an entire business unit and a wide range of competitive business situations. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7998 **STATUS:** Process **CREATOR:** Richard Williams **CREATED:** 9/12/11 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** REV **COURSE:** MBA7577 - Short-Term Study Abroad **STUDENT REC TITLE:** S-T Study Abroad **EFFECTIVE:** Fall 2012 **COURSE DESC:** Faculty-supervised short-term study abroad. Students will be assigned readings about the economy, culture and business climate of the country to be visited prior to the tour. Students will also carry out a business analysis of firms to be visited on the tour. In consultation with the instructor, students will prepare a written report on a topic relevant to the tour. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate status

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
138 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 10/30/09 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** MBA760 - Marketing Strategy **STUDENT REC TITLE:** Marketing Strategy **EFFECTIVE:** Winter 2010 **COURSE DESC:** Overview of managing the marketing mix variables and discussion of marketing plans, formation of strategies and problem solving. Material will be covered by readings and discussion of cases. Individual and team exercises will be assigned. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** MBA7600 - Marketing Strategy **STUDENT REC TITLE:** Marketing Strategy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course emphasizes key elements of marketing and their importance to organizations including both processes and outcomes. Students will demonstrate an understanding of: The strategic role of marketing organizations, including the key role of a marketing plan in the firm,key strategic issues such as market segmentation, product and brand equity pricing, service satisfaction, and customer-centric focus. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5735 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/29/10 **APPROVED:** 10/17/11 WorkFlow	**VERSION:** CURR **COURSE:** MBA780 - Supply Chain Management **STUDENT REC TITLE:** Supply Chain Mgmt **EFFECTIVE:** Winter 2011 **COURSE DESC:** Explores the fundamentals of supply chain management, including the strategic role of the supply chain, key drivers of supply chain performance, and analytical tools and techniques for supply chain analysis. Cases and in-class exercises. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** MBA7800 - Supply Chain Management **STUDENT REC TITLE:** Supply Chain Mgmt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores the fundamentals of supply chain management, including the strategic role of the supply chain, key drivers of supply chain performance, and analytical tools and techniques for supply chain analysis. Cases and in-class exercises. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4340 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 7/26/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME360 - System Dynamics **STUDENT REC TITLE:** System Dynamics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduces students to the system level modeling of dynamic engineering systems including, but not restricted to, linear and rotational mechanical, fluid, thermal, and electrical systems. Modeling of control devices (motors, heaters, pumps) is addressed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR PREREQ: EE 301 and ME 213 and ME 313 and MTH 235 and ME 317 (ME 317 can be taken concurrently)
	VERSION: REV **COURSE:** ME5210 - System Dynamics **STUDENT REC TITLE:** System Dynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces students to the system level modeling of dynamic engineering systems including, but not restricted to, linear and rotational mechanical, fluid, thermal, and electrical systems. Modeling of control devices (motors, heaters, pumps) is addressed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: Department permission QTR PREREQ: EE 301 and ME 213 and ME 313 and MTH 235 and ME 317 (ME 317 can be taken concurrently)

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1157 **STATUS:** Complete **CREATOR:** George Huang **CREATED:** 12/18/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME410 - Computational Methods for Mechanical Engineering **STUDENT REC TITLE:** Comp Meth for Mech Engr **EFFECTIVE:** Winter 2010 **COURSE DESC:** Combines material learned in statics, dynamics, thermodynamices, fluid mechanices, and heat transfer and applied them to the design of mechanical systems using numerical methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR PREREQ: ME 318 and ME 360 QTR EQUIV: ME 410
	VERSION: CURR **COURSE:** ME410 - Computational Methods for Mechanical Engineering **STUDENT REC TITLE:** Comp Meth for Mech Engr **EFFECTIVE:** Winter 2010 **COURSE DESC:** Combines material learned in statics, dynamics, thermodynamices, fluid mechanices, and heat transfer and applied them to the design of mechanical systems using numerical methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR PREREQ: ME 518 and ME 560 QTR EQUIV: ME610
	VERSION: REV **COURSE:** ME4010 - Computational Methods for Mechanical Engineering **STUDENT REC TITLE:** Comp Meth for Mech Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Combines material learned in statics, dynamics, thermodynamices, fluid mechanices, and heat transfer and applied them to the design of mechanical systems using numerical methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: ME 3360 and ME 3210 XLIST: ME 4010 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: ME 518 and ME 560 QTR EQUIV: ME610
	VERSION: REV

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
1157 **STATUS:** Complete **CREATOR:** George Huang **CREATED:** 12/18/09 **APPROVED:** 11/30/10 WorkFlow	**COURSE:** ME4010 - Computational Methods for Mechanical Engineering **STUDENT REC TITLE:** Comp Meth for Mech Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Combines material learned in statics, dynamics, thermodynamices, fluid mechanices, and heat transfer and applied them to the design of mechanical systems using numerical methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Undergraduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: ME 3360 and ME 3210 XLIST: ME 6010 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: ME 318 and ME 360 QTR EQUIV: ME 410
	VERSION: REV **COURSE:** ME6010 - Computational Methods for Mechanical Engineering **STUDENT REC TITLE:** Comp Meth for Mech Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Combines material learned in statics, dynamics, thermodynamices, fluid mechanices, and heat transfer and applied them to the design of mechanical systems using numerical methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Enrollment in ME 6010 is intended only for graduate students without an undergraduate degree in mechanical engineering. Department permission required. ADD INFO: Students enrolled in ME 6010 are expected to demonstrate a graduate-level understanding of course material, and will be graded separately from students enrolled in ME 4010. SEM PREREQ: ME 5360 and ME 5210 XLIST: ME 4010 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: ME 518 and ME 560 QTR EQUIV: ME610
	VERSION: REV **COURSE:** ME6010 - Computational Methods for Mechanical Engineering **STUDENT REC TITLE:** Comp Meth for Mech Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Combines material learned in statics, dynamics, thermodynamices,

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
1157 **STATUS:** Complete **CREATOR:** George Huang **CREATED:** 12/18/09 **APPROVED:** 11/30/10 WorkFlow	fluid mechanices, and heat transfer and applied them to the design of mechanical systems using numerical methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Enrollment in ME 6010 is intended only for graduate students without an undergraduate degree in mechanical engineering. Department permission required. ADD INFO: Students enrolled in ME 6010 are expected to demonstrate a graduate-level understanding of course material, and will be graded separately from students enrolled in ME 4010. SEM PREREQ: ME 5360 and ME 5210 XLIST: ME 6010 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: ME 318 and ME 360 QTR EQUIV: ME 410

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
1417 **STATUS:** Complete **CREATOR:** Nathan Klingbeil **CREATED:** 12/28/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME513 - Strength of Materials **STUDENT REC TITLE:** Strength of Materials **EFFECTIVE:** Winter 2010 **COURSE DESC:** Axial and shear stresses and strains; biaxial loading; torsion of circular shafts; shear and bending moment diagrams; deflection of beams; and column theory. 4 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (CEG 220 or EGR 153) and ME 212 QTR EQUIV: ME 513
	VERSION: REV **COURSE:** ME5120 - Mechanics of Materials **STUDENT REC TITLE:** Mechanics of Materials **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to stress and deformation in deformable solids. Topics include axial loading, torsion, pure bending, shear stresses in beams, design of beams under transverse loading, thin-wall pressure vessels, transformation of stress, stresses under combined loadings, deflection of beams and buckling. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci; Department permission required. SEM PREREQ: ME 2120 and (ME 1020 or CEG 2200) XLIST: ME 3120 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: (CEG 220 or EGR 153) and ME 212 QTR EQUIV: ME 513

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5872 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 9/30/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME514 - Experimental Measurements & Instrumentation **STUDENT REC TITLE:** Exp. Meas. and Instr. **EFFECTIVE:** Winter 2011 **COURSE DESC:** Techniques, equipment and measurement procedures used by Mechanical Engineers. Writing lab reports, performing data aquisition, and applying statistics to experimental data. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 213 and MTH 235 and EE 301 or EE 501 QTR EQUIV: ME 514
	VERSION: REV **COURSE:** ME5600 - Experimental Measurements & Instrumentation **STUDENT REC TITLE:** Exp. Meas. and Instr. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Techniques, equipment, and measurement procedures used by Mechanical Engineers: writing lab reports, performing data acquisition, applying statistics to experimental data, signal analysis, measurement system analysis, etc. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 1030 with minimum grade of D and ME 2120 with minimum grade of C and MTH 2350 with minimum grade of D and EE 2010 with minimum grade of D XLIST: ME 3600 QTR PREREQ: ME 213 and MTH 235 and EE 301 or EE 501 QTR EQUIV: ME 514

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5776 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 9/30/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME515 - Thermodynamics I **STUDENT REC TITLE:** Thermodynamics I **EFFECTIVE:** Winter 2011 **COURSE DESC:** Classical thermodynamics which focuses on thermodynamic properties of fluids, conservation of mass, conservation of energy, and the second law of thermodynamics. These principles are applied to engineering problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: PHY 244 and MTH 232 (MTH 232 can be taken concurrently) QTR EQUIV: ME 515
	VERSION: REV **COURSE:** ME5310 - Thermodynamics I **STUDENT REC TITLE:** Thermodynamics I **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course studies energy and energy conversion from the classical thermodynamics perspective. Properties of fluids, conservation of mass, conservation of energy, and the second law of thermodynamics are studied. These principles are applied to engineering problems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Enrollment in ME 5310 is intended only for graduate students without an undergraduate degree in mechanical engineering. Department permission required. SEM PREREQ: EGR 1010 or MTH 2310 (MTH2310 can be taken concurrently) and PHY2400 all with with minimum grade of D QTR PREREQ: PHY 244 and MTH 232 (MTH 232 can be taken concurrently) QTR EQUIV: ME 515

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5867 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 9/30/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME516 - Thermodynamics II **STUDENT REC TITLE:** Thermodynamics II **EFFECTIVE:** Winter 2011 **COURSE DESC:** Concepts of energy, power cycles, refrigeration cycles, gas mixtures, vapor-gas-mixtures, and combustion. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 515 or ME 315
	VERSION: REV **COURSE:** ME5320 - Thermodynamics II **STUDENT REC TITLE:** Thermodynamics II **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will apply the 0th, 1st, 2nd, and 3rd laws of thermodynamics, as well as conservation of mass, to a range of classical thermodynamic systems and phenomena. These include power and refrigeration cycles, gas mixtures, ideal vapor-gas mixtures, air conditioning, combustion, and chemical equilibrium. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME1020 and ME3310 or ME5310 with minimum grade of C XLIST: ME 3320 QTR PREREQ: ME 515 or ME 315

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5722 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 9/29/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME517 - Fluid Dynamics **STUDENT REC TITLE:** Fluid Dynamics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Study of fluid properties, fluid statics, incompressible flows, real fluid flows, and flow measurement. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 213 and (Graduate level ME 515 or ME 315) QTR EQUIV: ME 517
	VERSION: REV **COURSE:** ME5350 - Fluid Dynamics **STUDENT REC TITLE:** Fluid Dynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of fluid properties, fluid statics, incompressible flows, real fluid flows, and flow measurement. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Enrollment is only for graduate students or by permission of instructor SEM PREREQ: ME 3310 or ME5310 with grade of C or higher XLIST: ME 3350 QTR PREREQ: ME 213 and (Graduate level ME 515 or ME 315) QTR EQUIV: ME 517

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5869 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 9/30/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME518 - Heat Transfer **STUDENT REC TITLE:** Heat Transfer **EFFECTIVE:** Winter 2011 **COURSE DESC:** Study of the movement of energy due to a temperature difference. The three modes of heat transfer are investigated: conduction, convections, and radiation. Detailed look at Heat Equation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 517 or ME 317 QTR EQUIV: ME 518
	VERSION: REV **COURSE:** ME5360 - Heat Transfer **STUDENT REC TITLE:** Heat Transfer **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the movement of energy due to a temperature difference. The three modes of heat transfer are investigated: conduction, convection, and radiation. Detailed look at heat equation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 1020 and ME 3350 or ME 5350 and MTH 2350 XLIST: ME 3360 QTR PREREQ: Graduate level ME 517 or ME 317 QTR EQUIV: ME 518

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6366 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME571 - Structure & Prprts-Egr Mtrls **STUDENT REC TITLE:** Structure & Prprts-Egr Mtrls **EFFECTIVE:** Winter 2011 **COURSE DESC:** Effect of microstructure, phase equilibrium, and processing on properties of structural materials including metallic alloys, polymers, and composites. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (ME 313 or Graduate level ME 513) and (ME 370 or Graduate level ME 570) QTR EQUIV: ME 571
	VERSION: REV **COURSE:** ME6700 - Structure & Prprts Materials II **STUDENT REC TITLE:** Structure & Prprts Matls **EFFECTIVE:** Fall 2012 **COURSE DESC:** Effect of microstructure, phase equilibrium, and processing on properties of structural materials including metallic alloys, polymers, and composites. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2700, MTH 2350, MTH 2320 XLIST: ME 4700 QTR PREREQ: (ME 313 or Graduate level ME 513) and (ME 370 or Graduate level ME 570) QTR EQUIV: ME 571

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5750 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 9/29/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME575 - Thermodynamics of Materials **STUDENT REC TITLE:** Thermodynamics of Materials **EFFECTIVE:** Winter 2011 **COURSE DESC:** Application of classical thermodynamics to engineering materials. Heats of formation and reaction; behavior of solutions; free energy concepts; thermodynamic fundamentals of phase equilibria. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (ME 315 or Graduate level ME 515) and (ME 371 or Graduate level ME 571) QTR EQUIV: ME 575
	VERSION: REV **COURSE:** ME5750 - Thermodynamics of Materials **STUDENT REC TITLE:** Thermodyn of Materials **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of classical thermodynamics to engineering materials. Heats of formation and reaction; behavior of solutions; free energy concepts; thermodynamic fundamentals of phase equilibria. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2700 XLIST: ME 3750 QTR PREREQ: (ME 315 or Graduate level ME 515) and (ME 371 or Graduate level ME 571) QTR EQUIV: ME 575

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5749 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 9/29/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME576 - Physical Metallurgy **STUDENT REC TITLE:** Physical Metallurgy **EFFECTIVE:** Winter 2011 **COURSE DESC:** Fundamentals of structure property relations in metals and alloys related to transformations and kinetics. Application to recovery and recrystallization, solidification, precipitation strengthening, and displacive transformations. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 575 or ME 375 QTR EQUIV: ME 576
	VERSION: REV **COURSE:** ME5760 - Diffusion and Kinetics **STUDENT REC TITLE:** Diffusion and Kinetics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of structure property relations in metals and alloys related to transformations and kinetics. Application to recovery and recrystallization, solidification, precipitation strengthening, and displacive transformations. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3750 or ME 5750 XLIST: ME 3760 QTR PREREQ: Graduate level ME 575 or ME 375 QTR EQUIV: ME 576

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5995 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME610 - Computational Methods for Mechanical Engineering **STUDENT REC TITLE:** Comp Meth For Mech Engr **EFFECTIVE:** Winter 2011 **COURSE DESC:** Combines material learned in statics, dynamics, thermodynamics, fluid mechanics, and heat transfer and applies them to the design of mechaical systems using numerical methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level ME 660 and Graduate level ME 560 and Graduate level ME 518 QTR EQUIV: ME 610
	VERSION: REV **COURSE:** ME6010 - Computational Methods for Mechanical Engineering **STUDENT REC TITLE:** Comp Meth For Mech Engr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Combines material learned in statics, dynamics, thermodynamics, fluid mechanics, and heat transfer and applies them to the design of mechaical systems using numerical methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: ME 5360 and ME 5210 XLIST: ME 4010 QTR PREREQ: Graduate level ME 660 and Graduate level ME 560 and Graduate level ME 518 QTR EQUIV: ME 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6361 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME605 - Kinematics & Design-Mechanisms **STUDENT REC TITLE:** Kinematics & Design-Mechanisms **EFFECTIVE:** Winter 2011 **COURSE DESC:** Graphic, analytical, numerical, and symbolic techniques are used in the kinematic and dynamic analysis of machines. Computer-aided design of mechanisms is introduced. Emphasis on the application of these techniques to planar mechanisms. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 213 QTR EQUIV: ME 605
	VERSION: REV **COURSE:** ME6250 - Kinematics & Design-Mechanisms **STUDENT REC TITLE:** Kinematics & Design-Mech **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graphic, analytical, numerical, and symbolic techniques are used in the kinematic and dynamic analysis of machines. Computer-aided design of mechanisms is introduced. Emphasis on the application of these techniques to planar mechanisms. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Understanding of MATLAB software is recommended SEM PREREQ: ME 2210 with minimum grade of C XLIST: ME 4250 QTR PREREQ: ME 213 QTR EQUIV: ME 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6359 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME608 - Design Oprimization **STUDENT REC TITLE:** Design Oprimization **EFFECTIVE:** Winter 2011 **COURSE DESC:** Graphic, analytical, numerical, and symbolic techniques are used in the kinematic and dynamic analysis of machines. Computer-aided design of mechanisms is introduced. Emphasis on the application of these techniques to planar mechanisms. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 213 and MTH 233 QTR EQUIV: ME 608
	VERSION: REV **COURSE:** ME6080 - Design Optimization **STUDENT REC TITLE:** Design Optimization **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graphic, analytical, numerical, and symbolic techniques are used in the kinematic and dynamic analysis of machines. Computer-aided design of mechanisms is introduced. Emphasis on the application of these techniques to planar mechanisms. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2210 and MTH 2350 or MTH 2530 and EE 2010 and EE 2011 XLIST: ME 4080 QTR PREREQ: ME 213 and MTH 233 QTR EQUIV: ME 608

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4335 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 7/26/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME609 - Aerospace Structures **STUDENT REC TITLE:** Aerospace Structures **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis and design of flight structures. Stress, deformation, and stability analysis of aerospace structures. Thin-walled members bending, torsion, and shear stresses calculation in multi-cell structures. Buckling of thin plates. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 513 QTR EQUIV: ME 609
	VERSION: REV **COURSE:** ME6490 - Aerospace Structures **STUDENT REC TITLE:** Aerospace Structures **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis and design of flight structures. Stress, deformation, and stability analysis of aerospace structures. Thin-walled members bending, torsion, and shear stresses calculation in multi-cell structures. Buckling of thin plates. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 5120 QTR PREREQ: Graduate level ME 513 QTR EQUIV: ME 609

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1311 **STATUS:** Complete **CREATOR:** Nathan Klingbeil **CREATED:** 12/22/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME612 - Finite Element Analysis **STUDENT REC TITLE:** Finite Element Analysis **EFFECTIVE:** Winter 2010 **COURSE DESC:** Finite element formulations for line, surface, bending, torsion, and three-dimensional elements. Numerical methods and applications of FEM programs in structural design and solid mechanics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (MTH 233 or MTH 235) and ME 313 QTR EQUIV: ME 612
	VERSION: REV **COURSE:** ME6120 - Finite Element Analysis **STUDENT REC TITLE:** Finite Element Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of finite element analysis as a general numerical method for the solution of boundary value problems in engineering, with an emphasis on structural and solid mechanics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: (MTH 2350 or (MTH 2330 and MTH 2530)) and ME 5120 XLIST: ME 4120 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: (MTH 233 or MTH 235) and ME 313 QTR EQUIV: ME 612

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1236 **STATUS:** Complete **CREATOR:** Nathan Klingbeil **CREATED:** 12/21/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME614 - Mechanical Design I **STUDENT REC TITLE:** Mechanical Design I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Fundamental concepts in design for static strength, fatigue, and impact loading; application to selected mechanical components and systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 513 QTR EQUIV: ME 614
	VERSION: REV **COURSE:** ME6140 - Mechanical Design I **STUDENT REC TITLE:** Mechanical Design I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamental concepts in design for both static and fatigue loading, with application to selected mechanical components and systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 5120 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: ME 513 QTR EQUIV: ME 614

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1216 **STATUS:** Complete **CREATOR:** Nathan Klingbeil **CREATED:** 12/21/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME615 - Mechanical Design II **STUDENT REC TITLE:** Mechanical Design II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Design of mechanical elements such as springs, bearings, shafts, gears, clutches, brakes, and flywheels; students conduct an individual design project. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 614 QTR EQUIV: ME 615
	VERSION: REV **COURSE:** ME6150 - Mechanical Design II **STUDENT REC TITLE:** Mechanical Design II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis and design of mechanical elements including screws, welds, springs, bearings, gears, clutches, brakes, flywheels, pulleys and shafts. Students conduct a group design project. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 6140 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: ME 614 QTR EQUIV: ME 615

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1319 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 12/23/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME617 - Mechanics of Viscous Fluids **STUDENT REC TITLE:** Mechanics of Viscous Fluids **EFFECTIVE:** Winter 2010 **COURSE DESC:** Fundamental equations of viscous flow for laminar and turbulent flows. Boundary layer analysis. Analytical and numerical solutions of the equation of motion. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 317 or ME 517 with minimum grade of D QTR EQUIV: ME 617
	VERSION: REV **COURSE:** ME6350 - Mechanics of Viscous Fluids **STUDENT REC TITLE:** Mechanics Viscous Fluids **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamental equations of viscous flow for laminar and turbulent flows including the Navier Stokes equations. Boundary layer analysis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3350 or ME 5350 with XLIST: ME 4350 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: ME 317 or ME 517 with minimum grade of D QTR EQUIV: ME 617

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4333 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 7/26/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME660 - Mechanical Vibrations **STUDENT REC TITLE:** Mechanical Vibrations **EFFECTIVE:** Fall 2010 **COURSE DESC:** Modeling and analysis of single and multi-degree freedom systems under free and forced vibration and impact. Lagrangian and matrix formulations, energy methods, and introduction to random vibrations. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 360 QTR EQUIV: ME 660
	VERSION: REV **COURSE:** ME6210 - Mechanical Vibrations **STUDENT REC TITLE:** Mechanical Vibrations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Modeling and analysis of single and multi-degree freedom systems under free and forced vibration and impact. Lagrangian and matrix formulations, energy methods, and introduction to random vibrations. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 5210 QTR PREREQ: ME 360 QTR EQUIV: ME 660

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4339 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 7/26/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME664 - Mech Sys Modeling & Design **STUDENT REC TITLE:** Mech Sys Modeling & Design **EFFECTIVE:** Fall 2010 **COURSE DESC:** Modeling of complex mechanical systems as a set of simple, linear or nonlinear components for the purpose of design. Introduces modern computational tools. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 360 QTR EQUIV: ME 664
	VERSION: REV **COURSE:** ME6220 - Mechanical System Modeling & Design **STUDENT REC TITLE:** Mech Sys Model & Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Modeling of complex mechanical systems as a set of simple, linear or nonlinear components for the purpose of design. Introduces modern computational tools. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 5210 QTR PREREQ: ME 360 QTR EQUIV: ME 664

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1320 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 12/23/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME623 - Energy Conversion **STUDENT REC TITLE:** Energy Conversion **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course will study the fundamentals of energy and energy conversion, our energy resources, direct energy conversion, heat to work energy conversion, fossil fuel energy conversion, and alternative energy conversion. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ME 316 or ME 516 with minimum grade of D QTR EQUIV: ME 623
	VERSION: REV **COURSE:** ME6530 - Energy Conversion **STUDENT REC TITLE:** Energy Conversion **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will study the fundamentals of energy and energy conversion, the conversion of energy from mechanical, thermal, chemical, and nuclear will be discussed. To demonstrate these energy forms generators, wind, ocean, turbines, direct energy conversion, fossil fuels, biofuels, and nuclear power will be presented. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 3320 or ME 5320 with XLIST: ME 4530 SPC FEE: Egr&Comp Science Fee (1600), $101.25 QTR PREREQ: ME 316 or ME 516 with minimum grade of D QTR EQUIV: ME 623

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1321 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 12/23/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME624 - Solar Engineering **STUDENT REC TITLE:** Solar Engineering **EFFECTIVE:** Winter 2010 **COURSE DESC:** Fundamentals of solar radiation and how it can be utilized as an energy source. Flat plate collectors, concentrating collectors, solar hot water heating, photovoltaics and thermal energy storage will be discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 318 or ME 518 with minimum grade of D QTR EQUIV: ME 624
	VERSION: REV **COURSE:** ME6540 - Solar Thermal Engineering **STUDENT REC TITLE:** Solar Thermal Engr. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of solar radiation and how it can be utilized as a thermal energy source. Solar insolation on a surface, flat plate collectors, concentrating collectors, thermal energy storage, and solar hot water heating will be discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 3360 or ME 5360 with XLIST: ME 4540 SPC FEE: Egr&Comp Science Fee (1600), $90 QTR PREREQ: ME 318 or ME 518 with minimum grade of D QTR EQUIV: ME 624

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6360 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME642 - Vehicle Engineering **STUDENT REC TITLE:** Vehicle Engineering **EFFECTIVE:** Winter 2011 **COURSE DESC:** Develops students' abilities to derive and solve vehicle equations, and introduce dynamic analysis in vehicle design. Various performance criteria, control concepts, and HEVs will be studied. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: ME 642
	VERSION: REV **COURSE:** ME6240 - Vehicle Engineering **STUDENT REC TITLE:** Vehicle Engineering **EFFECTIVE:** Fall 2012 **COURSE DESC:** Develops students' abilities to derive and solve vehicle equations, and introduce dynamic analysis in vehicle design. Various performance criteria, control concepts, and HEVs will be studied. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2210 XLIST: ME 4240 QTR EQUIV: ME 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1322 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 12/23/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME626 - Wind Power **STUDENT REC TITLE:** Wind Power **EFFECTIVE:** Winter 2010 **COURSE DESC:** The power in the wind, wind turbines and their parts, performance of wind turbines, and economics of wind turbines will be studies. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ME 317 or ME 517 with minimum grade of D QTR EQUIV: ME 626
	VERSION: REV **COURSE:** ME6560 - Wind Power **STUDENT REC TITLE:** Wind Power **EFFECTIVE:** Fall 2012 **COURSE DESC:** Power in the wind, the wind turbine and its parts, performance of wind turbines, and economics of wind turbines will be presented. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 3350 or ME 5350 with XLIST: ME 4560 SPC FEE: Egr&Comp Science Fee (1600), $101.25 QTR PREREQ: ME 317 or ME 517 with minimum grade of D QTR EQUIV: ME 626

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6004 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME628 - Fuel Cell Science and Technology **STUDENT REC TITLE:** Fuel Cell Sci and Tech **EFFECTIVE:** Winter 2011 **COURSE DESC:** This course will cover the fundamentals, technologies, and applications of various types of fuel cells. The Fundamentals covered are thermodynamic prediction, electrolyte conduction, and electrode kinetics. The types of fuel cells covered are polymer electrolyte fuel cell, solid oxide fuel cell, and fuel cell stack. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ME 315 or Graduate level ME 515 and ME 370 or Graduate level ME 570 QTR EQUIV: ME 628
	VERSION: REV **COURSE:** ME6580 - Fuel Cell Science and Technology **STUDENT REC TITLE:** Fuel Cell Sci and Tech **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will cover the fundamentals, technologies, and applications of various types of fuel cells. The Fundamentals covered are thermodynamic prediction, electrolyte conduction, and electrode kinetics. The types of fuel cells covered are polymer electrolyte fuel cell, solid oxide fuel cell, and fuel cell stack. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following colleges: College of Engineering and Computer Science SEM PREREQ: ME 6700 and ME 5310 or ME 5750 with minimum grade of B XLIST: ME 4580 QTR PREREQ: ME 315 or Graduate level ME 515 and ME 370 or Graduate level ME 570 QTR EQUIV: ME 628

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6364 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME630 - Aeronautics **STUDENT REC TITLE:** Aeronautics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Aviation history. Standard atmosphere, basic aerodynamics, theory of lift, airplane performance, principles of stability and control, astronautics, and propulsion concepts. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 517 QTR EQUIV: ME 630
	VERSION: REV **COURSE:** ME6430 - Aeronautics **STUDENT REC TITLE:** Aeronautics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Aviation history. Standard atmosphere, basic aerodynamics, theory of lift, airplane performance, principles of stability and control, astronautics, and propulsion concepts. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3350 with minimum grade of D XLIST: ME 4430 QTR PREREQ: Graduate level ME 517 QTR EQUIV: ME 630

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6365 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME631 - Aerospace Propulsion **STUDENT REC TITLE:** Aerospace Propulsion **EFFECTIVE:** Winter 2011 **COURSE DESC:** Engine cycle analysis; combustion fundamentals; reciprocating engines and propellers; applications to turbojet, turbofan, turboprop, ramjet, SCRAM jet, and rocket engines. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 517 QTR EQUIV: ME 631
	VERSION: REV **COURSE:** ME6440 - Aerospace Propulsion **STUDENT REC TITLE:** Aerospace Propulsion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Engine cycle analysis; combustion fundamentals; reciprocating engines and propellers; applications to turbojet, turbofan, turboprop, ramjet, SCRAM jet, and rocket engines. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3350 or ME 5350 XLIST: ME 4440 QTR PREREQ: Graduate level ME 517 QTR EQUIV: ME 631

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6362 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME633 - Compressible Flow **STUDENT REC TITLE:** Compressible Flow **EFFECTIVE:** Winter 2011 **COURSE DESC:** Fundamentals of gas flow in the subsonic to supersonic flow regimes. Wave propagation in compressible medium, one-dimensional isentropic flow with area change, frictional effects, heat transfer effects and two-dimensional waves. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 517 QTR EQUIV: ME 633
	VERSION: REV **COURSE:** ME6330 - Compressible Fluid Flow **STUDENT REC TITLE:** Compressible Fluid Flow **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of gas flow in the subsonic to supersonic flow regimes. Wave propagation in compressible medium, one-dimensional isentropic flow with area change, frictional effects, heat transfer effects and two-dimensional waves. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3350 or ME 5350 with minimum grade of D XLIST: ME 4330 QTR PREREQ: Graduate level ME 517 QTR EQUIV: ME 633

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6363 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME634 - Computational Fluid Dynamics **STUDENT REC TITLE:** Computational Fluid Dynamics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduces CFD methods: governing equations, PDEs, finite difference numerical methods, stability analysis, incompressible and compressible flows, subsonic to supersonic flows. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 517 QTR EQUIV: ME 634
	VERSION: REV **COURSE:** ME6340 - Computational Fluid Dynamics I **STUDENT REC TITLE:** Comp Fluid Dynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces CFD methods: governing equations, PDEs, finite difference numerical methods, stability analysis, incompressible and compressible flows, subsonic to supersonic flows. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3350 with minimum grade of D XLIST: ME 4340 QTR PREREQ: Graduate level ME 517 QTR EQUIV: ME 634

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5997 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME644 - Prn Internal Combustion Engine **STUDENT REC TITLE:** Prn Internal Combustion Engine **EFFECTIVE:** Winter 2011 **COURSE DESC:** Thermodynamics of I.C. engines, combustion thermodynamics, friction, heat and mass losses, and computer control of the modern fuel-injected I.C. engine. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 516 and Graduate level ME 517 QTR EQUIV: ME 644
	VERSION: REV **COURSE:** ME6360 - Principles of Internal Combustion Engines **STUDENT REC TITLE:** Prn Intrl Combust Engine **EFFECTIVE:** Fall 2012 **COURSE DESC:** Thermodynamics of I.C. engines, combustion thermodynamics, friction, heat and mass losses, and computer control of the modern fuel-injected I.C. engine. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3350 or ME 5350 with grade of C or higher XLIST: ME 4360 QTR PREREQ: Graduate level ME 516 and Graduate level ME 517 QTR EQUIV: ME 644

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5932 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 10/1/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** REV **COURSE:** ME6520 - Hydropower **STUDENT REC TITLE:** Hydropower **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics covered are hydraulics of turbomachines for power generation, hydrologic analysis for hydropower development for run-of the river systems and reservoir systems, dams and environmental impacts, environmental impact assessment, operations of reservoir systems, and economics of hydropower generation. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 3350 or ME 5350 with minimum D grade XLIST: ME 4520

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1324 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 12/23/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** REV **COURSE:** ME6550 - Geothermal Energy **STUDENT REC TITLE:** Geothermal Energy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Techniques for tapping the energy of the earth will be discussed. This will include hot and cold geothermal energy. Use of geothermal energy to produce electricity, for space and district heating and cooling, and for industrial applications will be presented. In addition, geothermal energy's effect on the environment and its economics will be discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 3360 or ME 5360 with XLIST: ME 4550

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1494 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 1/2/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME780 - Advanced Energy Materials **STUDENT REC TITLE:** Adv Energy Materials **EFFECTIVE:** Winter 2010 **COURSE DESC:** Materials including electrodes, electrolytes, and interfaces for advanced energy conversion and storage systems from advanced batteries, fuel cells, hydrogen storage and solar cells will be discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ME 370 or Graduate level ME 570 and ME 375 or Graduate level ME 575 and (ME 427 or Graduate level ME 627 or ME 428 or Graduate level ME 628) QTR EQUIV: ME 780
	VERSION: REV **COURSE:** ME6570 - Energy Materials **STUDENT REC TITLE:** Energy Materials **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will understand the principles and the materials of advanced electrochemical energy storage systems including batteries, fuel cells, and supercapacitors. In this course, students will gain an understanding of material structures, material composition, and material morphologies in relation to applicable properties for electrochemical energy storage and conversion systems. Students will also be introduced to state-of-the-art materials research and development in these systems. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 2700 with minimum grade of C and ME 3310 or ME 5310 or ME 3750 or ME 5750 with minimum grade of C XLIST: ME 4570 QTR PREREQ: ME 370 or Graduate level ME 570 and ME 375 or Graduate level ME 575 and (ME 427 or Graduate level ME 627 or ME 428 or Graduate level ME 628) QTR EQUIV: ME 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5914 **STATUS:** Complete **CREATOR:** James Menart **CREATED:** 10/1/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** REV **COURSE:** ME6590 - Advances in Clean Coal Technology **STUDENT REC TITLE:** Adv. Clean Coal Tech. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical perspective on coal; sources of coal in the world; future dependence on coal for energy; power production using coal; general process description; principles of combustion, conventional combustion reactors, environmental impact; fluidized bed reactors, process improvements in minimizing emissions; and discussions on future innovations in for clean coal technology. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 3360 or ME 5360 with minimum D grade XLIST: ME 4590

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8257 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 1/18/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** ME6680 - Experimental Nanotechnology **STUDENT REC TITLE:** Exp Nanotechnology **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will provide a series of laboratory experiments similar to the state-of-the-art R&D in nanotechnology and nanoscience. The experiments include 1) fabrication of nanomaterials such as metal nanoparticles and graphene nanoplatelets; 2) characterization of physical and chemical properties by using techniques such as Raman spectroscopy, atomic force microscopy, terahertz spectroscopy, electrochemical analyses etc; and 3) computational modeling of nanoscale physical phenomena. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following colleges: College of Engineering and Computer Science or College of Science and Mathematics ADD INFO: 2 credit hours laboratory and 1 credit hour lecture SEM PREREQ: CHM 1210 and CHM 1210L; PHY 2400 and PHY 2400L XLIST: CHM 6680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6017 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME669 - Computational Materials Science **STUDENT REC TITLE:** Comp Materials Science **EFFECTIVE:** Winter 2011 **COURSE DESC:** This course covers basic theories, methods and algorithms of atomsitic computer simulations of materials, using lectures and computer labs. Classical, semi-empirical, and ab initio quantum mechanical methods are explained. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ME 370 or Graduate level ME 570 QTR EQUIV: ME 669
	VERSION: REV **COURSE:** ME6830 - Computational Materials Science **STUDENT REC TITLE:** Comp Materials Science **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course covers basic theories, methods and algorithms of atomsitic computer simulations of materials, using lectures and computer labs. Classical, semi-empirical, and ab initio quantum mechanical methods are explained. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 2700 or equivalent XLIST: ME 4830 QTR PREREQ: ME 370 or Graduate level ME 570 QTR EQUIV: ME 669

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6368 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME670 - Failure Analysis **STUDENT REC TITLE:** Failure Analysis **EFFECTIVE:** Winter 2011 **COURSE DESC:** Engineering aspects of failure analysis, failure mechanisms, and related environmental factors. Analysis of actual service failure. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 513 and Graduate level ME 571 QTR EQUIV: ME 670
	VERSION: REV **COURSE:** ME6740 - Failure Analysis **STUDENT REC TITLE:** Failure Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Engineering aspects of failure analysis, failure mechanisms, and related environmental factors. Analysis of actual service failure. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2700 and ME 3120 or ME 5120 XLIST: ME 4740 QTR PREREQ: Graduate level ME 513 and Graduate level ME 571 QTR EQUIV: ME 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6006 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME672 - Structure & Prprts-Egr Polymer **STUDENT REC TITLE:** Structure & Prprts-Egr Polymer **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduces polymers as engineering materials and covers fundamental concepts in polymer science and engineering. Includes polymerization processes, morphology and crystallinity, thermal transitions, viscoelasticiity, rubber elasticity, aging, and contemporary issues in polymers. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 570 QTR EQUIV: ME 672
	VERSION: REV **COURSE:** ME6720 - Engineering Polymers I **STUDENT REC TITLE:** Engineering Polymers I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces polymers as engineering materials and covers fundamental concepts in polymer science and engineering. Includes polymerization processes, morphology and crystallinity, thermal transitions, viscoelasticiity, rubber elasticity, aging, and contemporary issues in polymers. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2700 XLIST: ME 4720 QTR PREREQ: Graduate level ME 570 QTR EQUIV: ME 672

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6367 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME683 - Introduction to Ceramics **STUDENT REC TITLE:** Introduction to Ceramics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Ceramic and refractory raw materials and products; atomic structure and bonding; structure of crystalline phases and glasses; structural imperfections; diffusion in oxides; phase equilibria; processing of ceramics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 575 QTR EQUIV: ME 683
	VERSION: REV **COURSE:** ME6730 - Introduction to Ceramics **STUDENT REC TITLE:** Introduction to Ceramics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Ceramic and refractory raw materials and products; atomic structure and bonding; structure of crystalline phases and glasses; structural imperfections; diffusion in oxides; phase equilibria; processing of ceramics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2700 or equivalent XLIST: ME 4730 QTR PREREQ: Graduate level ME 575 QTR EQUIV: ME 683

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6018 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME674 - Materials Section for Mechanical Design **STUDENT REC TITLE:** Mat Sel for Mech Design **EFFECTIVE:** Winter 2011 **COURSE DESC:** Principles of materials-limited design. Lectures, case histories, open-ended assignments and computer based materials selection tools. Procedures for selection of optimum material(s) under constraints resulting from functional, reliability, safety, cost and environmental issues. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ME 571 and Graduate level ME 513 QTR EQUIV: ME 674
	VERSION: REV **COURSE:** ME6840 - Materials Section for Mechanical Design **STUDENT REC TITLE:** Mat Sel for Mech Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of materials-limited design. Lectures, case histories, open-ended assignments and computer based materials selection tools. Procedures for selection of optimum material(s) under constraints resulting from functional, reliability, safety, cost and environmental issues. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 2700 or equivalent and ME 5120 (or ME 3120) XLIST: ME 4840 QTR PREREQ: Graduate level ME 571 and Graduate level ME 513 QTR EQUIV: ME 674

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6007 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME681 - Materials Characterization **STUDENT REC TITLE:** Materials Characterization **EFFECTIVE:** Winter 2011 **COURSE DESC:** Survey of the principal techniques used to detect and evaluate flaws in material components such as castings, weldments, and composites. Includes liquid penetrant, ultrasonic, radiographic, eddy current, and magnetic test methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 571 QTR EQUIV: ME 681
	VERSION: REV **COURSE:** ME6750 - Materials Characterization **STUDENT REC TITLE:** Matrls Characterization **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of the principal techniques used to detect and evaluate flaws in material components such as castings, weldments, and composites. Includes liquid penetrant, ultrasonic, radiographic, eddy current, and magnetic test methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: For Materials Engineering Majors: ME 4700 or ME 6700 with minimum grade of B. For Other Engineering/Science Majors: Graduate level basic materials XLIST: ME 4750 QTR PREREQ: Graduate level ME 571 QTR EQUIV: ME 681

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6008 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/4/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME677 - Mechanical Behavior-Materials **STUDENT REC TITLE:** Mechanical Behavior-Materials **EFFECTIVE:** Winter 2011 **COURSE DESC:** Crystal plasticity and single crystal behavior. Introduction to dislocation theory. Strengthening mechanisms and polycrystalline behavior. Introduction to viscoelasticity. Fracture, fatigue, and creep of materials. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 513 and Graduate level ME 571 QTR EQUIV: ME 677
	VERSION: REV **COURSE:** ME6770 - Mechanical Behavior of Metals **STUDENT REC TITLE:** Mech Behavior of Metals **EFFECTIVE:** Fall 2012 **COURSE DESC:** Crystal plasticity and single crystal behavior. Introduction to dislocation theory. Strengthening mechanisms in metals. Fracture, fatigue, and creep behavior of metals. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2700 and ME 3120 or ME 5120 XLIST: ME 4770 QTR PREREQ: Graduate level ME 513 and Graduate level ME 571 QTR EQUIV: ME 677

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6016 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME679 - Materials Corrosion **STUDENT REC TITLE:** Materials Corrosion **EFFECTIVE:** Winter 2011 **COURSE DESC:** Survey of the principles of corrosion processes with application to metallic and nonmetallic materials. Principles of electrochemistry are included. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 515 and Graduate level ME 571 or Graduate level CHM 553 (CHM 553 can be taken concurrently) QTR EQUIV: ME 679
	VERSION: REV **COURSE:** ME6820 - Corrosion **STUDENT REC TITLE:** Corrosion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of the principles of corrosion processes with application to metallic and nonmetallic materials. Principles of electrochemistry are included. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2700 or equivalent with minimum grade of B XLIST: ME 4820 QTR PREREQ: Graduate level ME 515 and Graduate level ME 571 or Graduate level CHM 553 (CHM 553 can be taken concurrently) QTR EQUIV: ME 679

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6019 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME686 - Deformation Processing **STUDENT REC TITLE:** Deformation Processing **EFFECTIVE:** Winter 2011 **COURSE DESC:** Fundamentals of principal deformation processing systems including forging, extrusion, rolling, and sheet forming; material response and formability; and mechanics and analysis of selected processes. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 513 and Graduate level ME 571 QTR EQUIV: ME 686
	VERSION: REV **COURSE:** ME6860 - Metal Forming **STUDENT REC TITLE:** Metal Forming **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of principal deformation processing systems including forging, extrusion, rolling, and sheet forming; material response and formability; and mechanics and analysis of selected processes. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 2700 or equivalent and ME 5120 (or ME 3120) XLIST: ME 4860 QTR PREREQ: Graduate level ME 513 and Graduate level ME 571 QTR EQUIV: ME 686

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6369 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME687 - Machining **STUDENT REC TITLE:** Machining **EFFECTIVE:** Winter 2011 **COURSE DESC:** Fundamentals of machining with emphasis on engineering models of machinability, chip formation, cutting forces and power, and lubrication. Introduction to numerical control machining. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 571 QTR EQUIV: ME 687
	VERSION: REV **COURSE:** ME6870 - Machining **STUDENT REC TITLE:** Machining **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals of machining with emphasis on engineering models of machinability, chip formation, cutting forces and power, and lubrication. Introduction to numerical control machining. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 1020 and ME 2210 COREQ: ME 6870L XLIST: ME 4870 QTR PREREQ: Graduate level ME 571 QTR EQUIV: ME 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6370 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME688 - Powder Process-Materials Lab **STUDENT REC TITLE:** Powder Process-Materials Lab **EFFECTIVE:** Winter 2011 **COURSE DESC:** Fundamental metallurgy and ceramic science of powder processing techniques. Details of current powder processing technology and methods. Hands-on laboratory experience with both metal and ceramic materials. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 575 QTR EQUIV: ME 688
	VERSION: REV **COURSE:** ME6880 - Powder Processing of Materials **STUDENT REC TITLE:** Powder Process Materials **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamental metallurgy and ceramic science of powder processing techniques. Details of current powder processing technology and methods. Hands-on laboratory experience with both metal and ceramic materials. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3750 or ME 5750 XLIST: ME 4880 QTR PREREQ: Graduate level ME 575 QTR EQUIV: ME 688

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6020 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME726 - Structural Reliability **STUDENT REC TITLE:** Structural Reliability **EFFECTIVE:** Winter 2011 **COURSE DESC:** Analyze the uncertainties associated with mechanical and structural design. Methods to model various uncertainties in a design using probabilistic analysis tools. Computation of safety index and structural reliability using efficient techniques for implicit functions. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 720 and Graduate level ME 612 QTR EQUIV: ME 726
	VERSION: REV **COURSE:** ME7060 - Structural Reliability **STUDENT REC TITLE:** Structural Reliability **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analyze the uncertainties associated with mechanical and structural design. Methods to model various uncertainties in a design using probabilistic analysis tools. Computation of safety index and structural reliability using efficient techniques for implicit functions. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 7100 and ME 6120 QTR PREREQ: Graduate level ME 720 and Graduate level ME 612 QTR EQUIV: ME 726

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6021 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME708 - Multidisciplinary Strctrl Optm **STUDENT REC TITLE:** Multidisciplinary Strctrl Optm **EFFECTIVE:** Winter 2011 **COURSE DESC:** Structural optimization of large scale systems with constraint approximations, sensitivity analysis, and design variable linking methods. Primal, dual, and optimality criteria methods for shape and size optimization, 3 hour lecture. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 608 QTR EQUIV: ME 708
	VERSION: REV **COURSE:** ME7080 - Multidisciplinary Structural Optimization **STUDENT REC TITLE:** Multidisc Strctrl Optm **EFFECTIVE:** Fall 2012 **COURSE DESC:** Structural optimization of large scale systems with constraint approximations, sensitivity analysis, and design variable linking methods. Primal, dual, and optimality criteria methods for shape and size optimization, 3 hour lecture. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 6080, ME 6120, and ME 7100 QTR PREREQ: Graduate level ME 608 QTR EQUIV: ME 708

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4337 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 7/26/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME710 - Comp Mthds Strctrl Dynamics **STUDENT REC TITLE:** Comp Mthds Strctrl Dynamics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Vibration of discrete and continuous systems. Computational methods for the eigenvalue problem. Large-dimensional systems. Approximate methods for continuous systems. Substructure synthesis. Response of vibrating systems. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 460 or Graduate level ME 660 QTR EQUIV: ME 710
	VERSION: REV **COURSE:** ME7210 - Computational Methods for Structural Dynamics **STUDENT REC TITLE:** Comp Mthds Strctrl Dynam **EFFECTIVE:** Fall 2012 **COURSE DESC:** Vibration of discrete and continuous systems. Computational methods for the eigenvalue problem. Large-dimensional systems. Approximate methods for continuous systems. Substructure synthesis. Response of vibrating systems. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 6210 QTR PREREQ: ME 460 or Graduate level ME 660 QTR EQUIV: ME 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4559 **STATUS:** Complete **CREATOR:** Nathan Klingbeil **CREATED:** 8/20/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME720 - Advanced Mechanics of Solids **STUDENT REC TITLE:** Advanced Mechanics of Solids **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduces theory of elasticity. Topics in advanced strength of materials. Energy methods. Computational techniques in solid mechanics. Introduces plates and shells. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 614 QTR EQUIV: ME 720
	VERSION: REV **COURSE:** ME7100 - Advanced Mechanics of Solids **STUDENT REC TITLE:** Adv Mechanics of Solids **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to solid mechanics at the graduate level. Topics include theory of elasticity, indicial notation and coordinate transformations, exact solutions to plane elasticity problems in Cartesian and polar coordinates, axisymmetric problems, torsion of noncircular sections and energy methods. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 6140 QTR PREREQ: Graduate level ME 614 QTR EQUIV: ME 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4338 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 7/26/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME712 - Finite Element Method Appl **STUDENT REC TITLE:** Finite Element Method Appl **EFFECTIVE:** Fall 2010 **COURSE DESC:** Concepts of dynamic analysis using the finite element method (FEM). Application of various computational techniques to dynamic structures and thermal systems including vehicle dynamics. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 612 and Graduate level ME 660 QTR EQUIV: ME 712
	VERSION: REV **COURSE:** ME7120 - Finite Element Method Applications **STUDENT REC TITLE:** Finite Elem Method Appl **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts of dynamic analysis using the finite element method (FEM). Application of various computational techniques to dynamic structures and thermal systems including vehicle dynamics. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 6120 QTR PREREQ: Graduate level ME 612 and Graduate level ME 660 QTR EQUIV: ME 712

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6022 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME714 - Nonlinear Finite Elmt Analysis **STUDENT REC TITLE:** Nonlinear Finite Elmt Analysis **EFFECTIVE:** Winter 2011 **COURSE DESC:** Nonlinear finite element analysis of elastic, plastic, and viscoplastic deformation. Flow formulation and solid formulation. Analysis and simulation of structures and metal forming processes. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 712 QTR EQUIV: ME 714
	VERSION: REV **COURSE:** ME7140 - Nonlinear Finite Element Analysis **STUDENT REC TITLE:** Nonlin Finite Elmt Anal **EFFECTIVE:** Fall 2012 **COURSE DESC:** Nonlinear finite element analysis of elastic, plastic, and viscoplastic deformation. Flow formulation and solid formulation. Analysis and simulation of structures and metal forming processes. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 6120 and ME 7100 QTR PREREQ: Graduate level ME 712 QTR EQUIV: ME 714

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4332 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 7/26/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME715 - Advanced Dynamics **STUDENT REC TITLE:** Advanced Dynamics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to classical mechanics. Application of distributed and discretized approaches to dynamic systems with rigid and deformable members. Emphasis on the understanding of fundamental theory of mechanics and applications of different techniques to dynamics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 513 QTR EQUIV: ME 715
	VERSION: REV **COURSE:** ME7250 - Advanced Dynamics **STUDENT REC TITLE:** Advanced Dynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to classical mechanics. Application of distributed and discretized approaches to dynamic systems with rigid and deformable members. Emphasis on the understanding of fundamental theory of mechanics and applications of different techniques to dynamics. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: ME 5210 QTR PREREQ: ME 513 QTR EQUIV: ME 715

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6371 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME716 - Nonlinear Dynamics & Vibration **STUDENT REC TITLE:** Nonlinear Dynamics & Vibration **EFFECTIVE:** Winter 2011 **COURSE DESC:** The behavior of nonlinear mechanical systems is analyzed with numerical, symbolic, graphic, and analytical methods. Equal emphasis is placed on understanding nonlinear effects and methods of analysis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: ME 716
	VERSION: REV **COURSE:** ME7160 - Nonlinear Dynamics & Vibration **STUDENT REC TITLE:** Nonlinear Dynamics & Vib **EFFECTIVE:** Fall 2012 **COURSE DESC:** The behavior of nonlinear mechanical systems is analyzed with numerical, symbolic, graphic, and analytical methods. Equal emphasis is placed on understanding nonlinear effects and methods of analysis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 4210 or ME 6210 QTR EQUIV: ME 716

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4331 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 7/26/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME719 - Vibration Testing and Machine Health Monitoring **STUDENT REC TITLE:** Vibe Test & Hlth Mon **EFFECTIVE:** Fall 2010 **COURSE DESC:** Advanced theoretical and practical aspects of vibration testing including: signal analysis, windowing, transducers, exciters, modal identification techniques, rotor dynamics, and machine health monitoring. Includes extensive independent lab study. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ME 460 or Graduate level ME 660 QTR EQUIV: ME 719
	VERSION: REV **COURSE:** ME7690 - Vibration Testing and Machine Health Monitoring **STUDENT REC TITLE:** Vibe Test & Hlth Mon **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced theoretical and practical aspects of vibration testing including: signal analysis, windowing, transducers, exciters, modal identification techniques, rotor dynamics, and machine health monitoring. Includes extensive independent lab study. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 6210 QTR PREREQ: ME 460 or Graduate level ME 660 QTR EQUIV: ME 719

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6023 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME730 - Advanced Fluid Dynamics **STUDENT REC TITLE:** Advanced Fluid Dynamics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Theory and application of conservation equations for fluid mechanics. Develops boundary layer equations for laminar and turbulent flows. Topics include incompressible, viscous, supersonic, and hypersonic flows. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 317 or Graduate level ME 517 QTR EQUIV: ME 730
	VERSION: REV **COURSE:** ME7300 - Advanced Fluid Dynamics **STUDENT REC TITLE:** Advanced Fluid Dynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory and application of conservation equations for fluid mechanics. Develops boundary layer equations for laminar and turbulent flows. Topics include incompressible, viscous, supersonic, and hypersonic flows. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3350 or ME 5350 QTR PREREQ: ME 317 or Graduate level ME 517 QTR EQUIV: ME 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6024 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME736 - Convective Heat & Mass Trnsfr **STUDENT REC TITLE:** Convective Heat & Mass Trnsfr **EFFECTIVE:** Winter 2011 **COURSE DESC:** Heat and mass transfer analysis within conductors and over submerged objects for laminar and turbulent flows. Film condensation and boiling. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 518 QTR EQUIV: ME 736
	VERSION: REV **COURSE:** ME7330 - Convective Heat & Mass Transfer **STUDENT REC TITLE:** Convective Heat & Mass **EFFECTIVE:** Fall 2012 **COURSE DESC:** Heat and mass transfer analysis within conductors and over submerged objects for laminar and turbulent flows. Film condensation and boiling. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3360 or ME 5360 QTR PREREQ: Graduate level ME 518 QTR EQUIV: ME 736

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6372 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME734 - Adv Computatnl Fluid Dynamics **STUDENT REC TITLE:** Adv Computatnl Fluid Dynamics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introduction to modern computational fluid dynamic (CFD) methods. Survey of current numerical procedures to solve fluid dynamic problems from incompressible to hypersonic flows. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 634 QTR EQUIV: ME 734
	VERSION: REV **COURSE:** ME7340 - Adv Computatnl Fluid Dynamics **STUDENT REC TITLE:** Adv Computatnl Fluid Dyn **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to modern computational fluid dynamic (CFD) methods. Survey of current numerical procedures to solve fluid dynamic problems from incompressible to hypersonic flows. 3 hours lecture, 2 hours lab. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 6340, minimum grade of C QTR PREREQ: Graduate level ME 634 QTR EQUIV: ME 734

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6025 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME738 - Radiation Heat Transfer **STUDENT REC TITLE:** Radiation Heat Transfer **EFFECTIVE:** Winter 2011 **COURSE DESC:** Fundamentals and application of radiation heat transfer, radiation between gray and nongray bodies, network techniques, radiation through absorbing media, and radiation between gases and surrounding surfaces. Finite difference solution for radiation problem. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 518 QTR EQUIV: ME 738
	VERSION: REV **COURSE:** ME7350 - Radiation Heat Transfer **STUDENT REC TITLE:** Radiation Heat Transfer **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamentals and application of radiation heat transfer, radiation between gray and nongray bodies, network techniques, radiation through absorbing media, and radiation between gases and surrounding surfaces. Finite difference solution for radiation problem. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3360 or ME 5360 QTR PREREQ: Graduate level ME 518 QTR EQUIV: ME 738

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6026 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME748 - Fundamentals of Plasma Science **STUDENT REC TITLE:** Fundamentals of Plasma Science **EFFECTIVE:** Winter 2011 **COURSE DESC:** Properties, characteristics, and use of ionized gases. Fundamentals of gaseous electronics including kinetic theory, excitation, ionization, equilibrium, non-equilibrium, and local thermodynamic equilibrium. Plasma generation, glow discharge, rf-discharges, plasma torches, and free-burning arcs. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 746 QTR EQUIV: ME 748
	VERSION: REV **COURSE:** ME7390 - Fundamentals of Plasma Science **STUDENT REC TITLE:** Fund of Plasma Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Properties, characteristics, and use of ionized gases. Fundamentals of gaseous electronics including kinetic theory, excitation, ionization, equilibrium, non-equilibrium, and local thermodynamic equilibrium. Plasma generation, glow discharge, rf-discharges, plasma torches, and free-burning arcs. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 7500 QTR PREREQ: Graduate level ME 746 QTR EQUIV: ME 748

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6027 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME746 - Hypersonic Flows **STUDENT REC TITLE:** Hypersonic Flows **EFFECTIVE:** Winter 2011 **COURSE DESC:** Hypersonic flow is studied from the viewpoint of its unique fluid dynamic attributes with emphasis on classic inviscid theories, chemical kinetics, and state-of-the-art development. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 317 or Graduate level ME 517 QTR EQUIV: ME 746
	VERSION: REV **COURSE:** ME7400 - Hypersonic Flows **STUDENT REC TITLE:** Hypersonic Flows **EFFECTIVE:** Fall 2012 **COURSE DESC:** Hypersonic flow is studied from the viewpoint of its unique fluid dynamic attributes with emphasis on classic inviscid theories, chemical kinetics, and state-of-the-art development. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 4330 or ME 6330 QTR PREREQ: ME 317 or Graduate level ME 517 QTR EQUIV: ME 746

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6028 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME744 - Advanced Thermodynamics **STUDENT REC TITLE:** Advanced Thermodynamics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Thermodynamics is studied from both the classical (macroscopic) and statistical (microscopic) viewpoints with emphasis on statistical thermodynamics. Property relationships, Maxwell relations, partition functions, distribution functions, kinetic theory and the Boltzmann transport equation are discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 316 or Graduate level ME 516 QTR EQUIV: ME 744
	VERSION: REV **COURSE:** ME7500 - Advanced Thermodynamics **STUDENT REC TITLE:** Advanced Thermodynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Thermodynamics is studied from both the classical (macroscopic) and statistical (microscopic) viewpoints with emphasis on statistical thermodynamics. Property relationships, Maxwell relations, partition functions, distribution functions, kinetic theory and the Boltzmann transport equation are discussed. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 3320, ME 5320, ME 3750, or ME 5750 QTR PREREQ: ME 316 or Graduate level ME 516 QTR EQUIV: ME 744

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6030 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME750 - Photovoltaics **STUDENT REC TITLE:** Photovoltaics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Basic principles of solar cells will be covered including semiconductors, electroncs and holes, and p-n junctions. Different types of solar cell materials including crystalline and amorphous cells as well as techniques for increasing their efficiency will be presented. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ME 744 or Graduate level ME 760 QTR EQUIV: ME 750
	VERSION: REV **COURSE:** ME7550 - Photovoltaics **STUDENT REC TITLE:** Photovoltaics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basic principles of solar cells will be covered including semiconductors, electroncs and holes, and p-n junctions. Different types of solar cell materials including crystalline and amorphous cells as well as techniques for increasing their efficiency will be presented. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 7500 QTR PREREQ: Graduate level ME 744 or Graduate level ME 760 QTR EQUIV: ME 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6029 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME752 - Hydrogen Energy **STUDENT REC TITLE:** Hydrogen Energy **EFFECTIVE:** Winter 2011 **COURSE DESC:** This course focuses on hydrogen as a renewable and clean means of energy storage, and discusses hydrogen production and storage, as well as an overview of hydrogen energy conversion. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: ME 375 or Graduate level ME 575 and ME 316 or Graduate level ME 516 QTR EQUIV: ME 752
	VERSION: REV **COURSE:** ME7520 - Hydrogen Energy **STUDENT REC TITLE:** Hydrogen Energy **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on hydrogen as a renewable and clean means of energy storage, and discusses hydrogen production and storage, as well as an overview of hydrogen energy conversion. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: ME 3310, ME 5310, ME 3750, or ME 5750 QTR PREREQ: ME 375 or Graduate level ME 575 and ME 316 or Graduate level ME 516 QTR EQUIV: ME 752

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6035 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME762 - Transformation in Solids-I **STUDENT REC TITLE:** Transformation in Solids-I **EFFECTIVE:** Winter 2011 **COURSE DESC:** This is the first course in a two course sequence. Covers the theory of homogenous and heterogeneous nucleation and diffusion and interface controlled growth. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: Graduate level ME 576 QTR EQUIV: ME 762
	VERSION: REV **COURSE:** ME7760 - Transformation of Solids-I **STUDENT REC TITLE:** Transformation of Solids **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is the first course in a two course sequence. Covers the theory of homogenous and heterogeneous nucleation and diffusion and interface controlled growth. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 5760 or equivalent QTR PREREQ: Graduate level ME 576 QTR EQUIV: ME 762

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6373 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/22/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME768 - Quantitative Microscopy **STUDENT REC TITLE:** Quantitative Microscopy **EFFECTIVE:** Winter 2011 **COURSE DESC:** Deals with quantifying microstructural features, such as volume fraction, grain size, shape, and orientation of phases. The course covers stereology, the science of relating 2-dimensional images to 3-dimensional structure, and image analysis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: MTH 233 and Graduate level ME 585 QTR EQUIV: ME 768
	VERSION: REV **COURSE:** ME7740 - Quantitative Microscopy **STUDENT REC TITLE:** Quantitative Microscopy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Deals with quantifying microstructural features, such as volume fraction, grain size, shape, and orientation of phases. The course covers stereology, the science of relating 2-dimensional images to 3-dimensional structure, and image analysis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: Prior experience in microstructural characterization and calculus QTR PREREQ: MTH 233 and Graduate level ME 585 QTR EQUIV: ME 768

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6033 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** ME772 - Physical Polymer Science **STUDENT REC TITLE:** Physical Polymer Science **EFFECTIVE:** Winter 2011 **COURSE DESC:** Polymer physics including phase diagrams, phase separation, the amorphous and crystalline states, liquid crystals, thermal transitions, viscoelasticity and rheology, as well as deformation and fracture. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: (ME 472 or Graduate level ME 672) and (ME 375 or Graduate level ME 575) QTR EQUIV: ME 772
	VERSION: REV **COURSE:** ME7720 - Engineering Polymers II **STUDENT REC TITLE:** Engineering Polymers II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Polymer physics including phase diagrams, phase separation, the amorphous and crystalline states, liquid crystals, thermal transitions, viscoelasticity and rheology, as well as deformation and fracture. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 4720 or ME 6720 and ME 3750 or ME 5750 QTR PREREQ: (ME 472 or Graduate level ME 672) and (ME 375 or Graduate level ME 575) QTR EQUIV: ME 772

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6036 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 10/5/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ME783 - Ceramics-Advanced Application **STUDENT REC TITLE:** Ceramics-Advanced Application **EFFECTIVE:** Winter 2011 **COURSE DESC:** Science and technology of ceramics and glasses and their use in various products; atomic structure; bonding; defect-microstructure-property relations; thermal and structural ceramics; electronic, optical, and dielectric ceramics; and special applications. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR PREREQ: ME 483 or Graduate level ME 683 QTR EQUIV: ME 783
	VERSION: REV **COURSE:** ME7780 - Ceramics for Advanced Application **STUDENT REC TITLE:** Ceramics-Advanced Appl **EFFECTIVE:** Fall 2012 **COURSE DESC:** Science and technology of ceramics and glasses and their use in various products; atomic structure; bonding; defect-microstructure-property relations; thermal and structural ceramics; electronic, optical, and dielectric ceramics; and special applications. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci SEM PREREQ: ME 4730 or equivalent QTR PREREQ: ME 483 or Graduate level ME 683 QTR EQUIV: ME 783

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7317 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 2/4/11 **APPROVED:** 10/18/11 WorkFlow	**VERSION:** CURR **COURSE:** ME899 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Spring 2011 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: ME 899
	VERSION: REV **COURSE:** ME7950 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Masters thesis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 12 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Programs: Mechanical Engineering, Materials Engineering QTR EQUIV: ME 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8261 **STATUS:** Process **CREATOR:** Angela Griffith **CREATED:** 1/18/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** CURR **COURSE:** ME7950 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Masters thesis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: ME 899
	VERSION: REV **COURSE:** ME7950 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Masters thesis. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 1 - 12 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Programs: Mechanical Engineering, Materials Engineering, Renewable and Clean Energy QTR EQUIV: ME 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7322 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 2/4/11 **APPROVED:** 10/18/11 WorkFlow	**VERSION:** REV **COURSE:** ME7980 - Special Topics in Mechanical and Materials Engineering **STUDENT REC TITLE:** Special Topics in ME **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special topics in Mechanical Engineering or Materials Science and Engineering. Topics Vary **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 12 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following programs: Mechanical Engineering, Materials Science and Engineering, Alternative Energy ADD INFO: Instructor Permission

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7102 **STATUS:** Complete **CREATOR:** Angela Griffith **CREATED:** 1/27/11 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** ME899 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Spring 2011 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: ME 899
	VERSION: REV **COURSE:** ME7990 - Master's Thesis Research **STUDENT REC TITLE:** Master's Thesis Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci Requires department permission QTR EQUIV: ME 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8259 **STATUS:** Process **CREATOR:** Angela Griffith **CREATED:** 1/18/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** CURR **COURSE:** ME7990 - Master's Thesis Research **STUDENT REC TITLE:** Master's Thesis Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: ME 890
	VERSION: REV **COURSE:** ME7990 - Independent Study in Mechanical Engineering, Materials Science and Engineering, and Renewable and Clean Energy **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in Mechanical Engineering, Materials Science and Engineering, and Renewable and Clean Energy. Topics vary. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 3 REP TIMES: 3 RESTRICTION: Department permission required. QTR EQUIV: ME 890

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7324 **STATUS:** Complete **CREATOR:** Joseph Slater **CREATED:** 2/4/11 **APPROVED:** 10/17/11 WorkFlow	**VERSION:** CURR **COURSE:** ME898 - PH D Dissertation Research **STUDENT REC TITLE:** PH D Dissertation Research **EFFECTIVE:** Spring 2011 **COURSE DESC:** Research on the Ph.D. dissertation topic. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci QTR EQUIV: ME 898
	VERSION: REV **COURSE:** ME8950 - PhD Dissertation Research **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research on the Ph.D. dissertation topic. Graded pass/unsatisfactory. **COLLEGE:** College of Egr & Computer Sci **CRED HR:** 1 **VAR CRED RANGE:** 1 - 12 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Doctor of Philosophy Must be enrolled in one of the following Colleges: College of Egr & Computer Sci ADD INFO: Instructor Permission QTR EQUIV: ME 898

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8091 **STATUS:** Complete **CREATOR:** Richard Williams **CREATED:** 11/1/11 **APPROVED:** 11/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MGT675 - Small Business Consulting **STUDENT REC TITLE:** Small Business Consult **EFFECTIVE:** Fall 2010 **COURSE DESC:** Students will work in teams with small businesses to develop a business plan. They will look at marketing, finances, staffing, etc. needed to start a business or grow an existing business. Provides excellent hands-on application of previous course work. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MGT 675
	VERSION: REV **COURSE:** MGT6750 - Small Business Management **STUDENT REC TITLE:** Small Business Mgt. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate teams will work with small businesses and entrepreneurs to help create feasibility studies and business plans. Typical projects involve marketing research, economic analyses, legal and regulatory assessment, cash flow projections and other financial plans. Under the guidance of the instructor, analyses are created and refined during the semester, and presented to the clients in both a comprehensive written report and a formal final presentation. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MGT 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3713 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/9/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT703 - Seminar in Human Resource Management **STUDENT REC TITLE:** Sem Human Resource Mgt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis of the principal functions, processes, and problems involved in the management of human resources. Evaluation of personnel systems, with emphasis on implications of personnel policy and practice. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3714 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/9/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT705 - Seminar in Industrial Relations **STUDENT REC TITLE:** Sem Industrial Relations **EFFECTIVE:** Fall 2010 **COURSE DESC:** Presents organization development as an ongoing change process that must be planned and managed. A variety of interventions are explained and situations are analyzed to determine effectiveness. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3716 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/9/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT706 - Organizational Development and Change **STUDENT REC TITLE:** Organ Dev and Change **EFFECTIVE:** Fall 2010 **COURSE DESC:** Organization development is presented as an ongoing change process that must be planned and managed. A variety of interventions are explained, and situations are analyzed to determine effectiveness. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level MBA 7500 QTR EQUIV: MGT 706
	VERSION: REV **COURSE:** MGT7060 - Organizational Development and Change **STUDENT REC TITLE:** Organ Dev and Change **EFFECTIVE:** Fall 2012 **COURSE DESC:** A detailed analysis of planned organizational change. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: MBA 7500 QTR PREREQ: Graduate level MBA 7500 QTR EQUIV: MGT 706

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5558 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT721 - International Management **STUDENT REC TITLE:** International Management **EFFECTIVE:** Fall 2010 **COURSE DESC:** Studies fundamental concepts of international management and examines cultural, institutional, behavioral, and management systems and their operation in the international sphere. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business
	VERSION: REV **COURSE:** MGT7210 - International Management **STUDENT REC TITLE:** International Management **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course provides an understanding of how firms identify, develop and execute different types of international strategies. We have three primary objectives: One, what influences the success and failure of firms in the international context? Two, in the global economy of the 21st century, competition is increasingly shaped by the presence of firms from a variety of national contexts. Three, the nature of competition faced by firms is therefore not only more fierce, but also more culturally diverse. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7996 **STATUS:** Complete **CREATOR:** Richard Williams **CREATED:** 9/12/11 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** REV **COURSE:** MGT7210 - International Management **STUDENT REC TITLE:** International Mgt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of international management issues including the study of functional and strategic aspects of international business operations. Topics include international agreements, cultural, economic, legal, and political differences among nations. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate status SEM PREREQ: MBA 7520

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5709 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 9/29/10 **APPROVED:** 1/5/11 WorkFlow	**VERSION:** REV **COURSE:** MGT7510 - Applied Leadership Development **STUDENT REC TITLE:** Applied Ldr Dev **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on the development of leadership skills for managing in organizations. Multiple perspectives are used to enhance understanding of the course conceptsleading oneself, leading individuals, leading teams and the organizational context of leadership. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: MBA 7500

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3717 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/9/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT766 - Managing for Creativity and Innovation **STUDENT REC TITLE:** Creativity & Innovation **EFFECTIVE:** Fall 2010 **COURSE DESC:** Course addresses importance of innovation to organizations, common impediments to innovation, and ways organizations can stimulate, cultivate and implement creative ideas. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MGT 766
	VERSION: REV **COURSE:** MGT7660 - Managing for Creativity and Innovation **STUDENT REC TITLE:** Creativity & Innovation **EFFECTIVE:** Fall 2012 **COURSE DESC:** This is a course designed to make you start thinking differently about your organizational life. It is intended to make you think differently about yourself, those with whom you work, and the organizational environment in order to facilitate increased creativity and innovation. The course is built around three main themes: personal reflection and improvement, enhancing individual creativity, and managing people and organizations for creativity and innovation. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MGT 766

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3801 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/16/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT770 - Fundamentals of Project Management **STUDENT REC TITLE:** Fundamentals of Proj Mgt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Concepts and philosophies are developed by which modern management deals with one-time projects/tasks that have a set of specified time, cost, and performance objectives. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MGT 770
	VERSION: REV **COURSE:** MGT7710 - Fundamentals of Project Management **STUDENT REC TITLE:** Fundamentals of Proj Mgt **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the management of projects, to include project selection, planning, budgeting, scheduling, execution, and control. Rviews the 'triple constraint' of project management: cost, schedule, and technical performance. Covers typical project life cycles, risk management, earned value management, characteristics of successful project managers, and the structure and dynamics of winning project teams. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MGT 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3813 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/16/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT772 - Project Contract Management **STUDENT REC TITLE:** Project Contract Mgt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Overview of the role of contracting and contract administration in contemporary society. Analysis and synthesis of the relationship of contracting to the project management system. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level MGT 770 QTR EQUIV: MGT 772
	VERSION: REV **COURSE:** MGT7720 - Project Contract Management **STUDENT REC TITLE:** Project Contract Mgt **EFFECTIVE:** Fall 2012 **COURSE DESC:** In today's complex world, large projects are typically carried out not by a single organization, but by teams of corporate entities. Such relationships are governed by contractual agreements, which affix the rights and responsibilites of the players involved. Topics include managing risk through contracting strategies, types of contracts, subcontractor management, teaming strategies, and negotiation strategy and tactics. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: MGT 7710 QTR PREREQ: Graduate level MGT 770 QTR EQUIV: MGT 772

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3814 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/16/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT773 - Project Planning Evaluation and Control Techniques **STUDENT REC TITLE:** Proj Pln Eval&Contrl Tech **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines project management techniques that are currently available to aid in planning, estimating, scheduling, and controlling a project from inception to completion. Current project management software is used and/or demonstrated. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level MGT 770 QTR EQUIV: MGT 773
	VERSION: REV **COURSE:** MGT7730 - Project Planning Evaluation and Control Techniques **STUDENT REC TITLE:** Proj Pln Eval & Contrl **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on project planning and control, with emphasis on practical application. Overview of the throretical and practical mechanisms through which project planning, evaluation, and control occur. Additionally, a course project allows students to practice concepts and techniques presented in the course, taking a service project fromt he planning phase through scheduling, budgeting, execution and project termination. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: MGT 7710 QTR PREREQ: Graduate level MGT 770 QTR EQUIV: MGT 773

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3980 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/23/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT780 - Management Internship **STUDENT REC TITLE:** Management Internship **EFFECTIVE:** Fall 2010 **COURSE DESC:** One-quarter internship in a selected private or governmental organization under the direction of a faculty advisor and employment supervisor. Details to be arranged by the department or college office. Enrollment in the M.B.A. Program, completion of at least seven out of ten core courses, and departmental approval required. Titles vary. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR EQUIV: MGT 780
	VERSION: REV **COURSE:** MGT7800 - Management Internship **STUDENT REC TITLE:** Management Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate students are encouraged to do an internship as part of their program of study. Employing organizations can be located by either the student or the Department. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business. The employer, student, and Department Internship Coordinator must agree on the parameters of the internship, to include number of work hours, credit hours, internship objectives, methodology, timeline, and evaluation criteria. QTR EQUIV: MGT 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3982 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 6/23/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** MGT799 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2010 **COURSE DESC:** **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3204 **STATUS:** Complete **CREATOR:** Kevin Duffy **CREATED:** 5/12/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** MIS788 - Information Systems Strategy **STUDENT REC TITLE:** Info Systems Strategy **EFFECTIVE:** Fall 2010 **COURSE DESC:** Concepts and practices of management information systems for using information in the management of business enterprises are investigated to determine their deployment in achieving organization objectives. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 788
	VERSION: REV **COURSE:** MIS7000 - Information Systems Strategy **STUDENT REC TITLE:** Info Systems Strategy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts and practices of management information systems for using information in the management of business enterprises are investigated to determine their deployment in achieving organization objectives. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters in Information Systems QTR EQUIV: MIS 788

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
402 **STATUS:** Complete **CREATOR:** Kevin Duffy **CREATED:** 11/19/09 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** MIS790 - Technology-Enabled Business and Organizations **STUDENT REC TITLE:** Tech-Enabled Bus & Orgz **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course provides a broad overview of the strategies used in technology enabled businesses. The emphasis on the business applications and characteristics of the technologies that can bring enhanced revenues, cost savings, and broader market reach to organizations. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 790
	VERSION: REV **COURSE:** MIS7100 - Technology-Enabled Business and Organizations **STUDENT REC TITLE:** Tech-Enabled Bus & Orgz **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides a broad overview of the strategies used in technology enabled businesses. The emphasis on the business applications and characteristics of the technologies that can bring enhanced revenues, cost savings, and broader market reach to organizations. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters of Information Systems QTR EQUIV: MIS 790

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
401 **STATUS:** Complete **CREATOR:** Barbara Denison **CREATED:** 11/19/09 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** MIS795 - IS Project Mgt **STUDENT REC TITLE:** IS Project Mgt **EFFECTIVE:** Winter 2010 **COURSE DESC:** IS Project management encompasses the knowledge, techniques, and tools necessary to manage the development of information systems projects. Leading edge tools, techniques, and concepts will be presented through the course. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 795
	VERSION: REV **COURSE:** MIS7200 - IS Project Management **STUDENT REC TITLE:** IS Project Management **EFFECTIVE:** Fall 2012 **COURSE DESC:** IS Project Management encompasses the knowledge, techniques, and tools necessary to manage the development of information systems projects. Leading edge tools, techniques, and concepts will be presented through the course. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters in Information Systems QTR EQUIV: MIS 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
222 **STATUS:** Complete **CREATOR:** Arijit Sengupta **CREATED:** 11/4/09 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** MIS794 - Advanced Data Management for the Supply Chain **STUDENT REC TITLE:** Adv Data Mgt For SC **EFFECTIVE:** Winter 2010 **COURSE DESC:** The subject surveys concepts and advanced data management for Supply Chain Management. It will address a number of technology enablers of supply chain management including ERP and SCM applications, Web-centric marketplaces, and auction technologies. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** MIS7300 - Enterprise Data and Resources Management **STUDENT REC TITLE:** Ent Data and Res Mgmt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces the important topics in Enterprise Resource Planning (ERP). Identify important ERP concepts, advantages and disadvantages and success and failures of ERP implementations; use a commercial ERP package; understand RFID and Auto-ID technology and assess the potential of the RFID in the supply chain automation process. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be accepted in the Master of Information Systems program

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
305 **STATUS:** Complete **CREATOR:** Anand Jeyaraj **CREATED:** 11/7/09 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** MIS798 - IT Outsourcing and Partnership **STUDENT REC TITLE:** IT Outsource & Partnership **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course examines the dynamic of IT partnerships. To manage a global project, project managers need to be experts in defining requirements, managing change, communications, cultural sensitivity, planning and conducting project reviews, and negotions. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** MIS7400 - IT Outsourcing and Partnerships **STUDENT REC TITLE:** Outsourcing Partnerships **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course introduces the fundamentals of outsourcing information technology and business process activities. The course incorporates the outsourcing lifecycle including identifying needs, mapping activities and processes, establishing metrics and service levels, crafting the statement of work and contract, identifying and selecting vendors, conducting negotiations and finalizing contracts, managing and governing outsourcing relationships, and monitoring services and vendor performance. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Admission to the Master of IS Program

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2838 **STATUS:** Complete **CREATOR:** Kevin Duffy **CREATED:** 4/22/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** MIS791 - Business Process Management **STUDENT REC TITLE:** Business Process Management **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course provides a comprehensive approach for transforming business processes of an organization. It will demonstrate how to keep the renewed process working at their optimum level through process ownership and performance management. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 791
	VERSION: REV **COURSE:** MIS7500 - Business Process Management **STUDENT REC TITLE:** Business Process Mgmt **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides a comprehensive approach for transforming business processes of an organization. It will demonstrate how to keep renewed processes working at optimum levels through process ownership and performance management. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 791

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
316 **STATUS:** Complete **CREATOR:** Shu Schiller **CREATED:** 11/9/09 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** MIS792 - Customer Relationship Mgt. and Business **STUDENT REC TITLE:** Cust Rel Mgt & Bus Intel **EFFECTIVE:** Winter 2010 **COURSE DESC:** An in-depth study of customer relationship management (CRM) technologies and data warehouse applications. The special focus on the application of CRM and data warehouse technologies for managing the customer and data lifecycle. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 792
	VERSION: REV **COURSE:** MIS7600 - Customer Relationship Mgt. and Business **STUDENT REC TITLE:** Cust Rel Mgt & Bus Intel **EFFECTIVE:** Fall 2012 **COURSE DESC:** An in-depth study of customer relationship management (CRM) technologies and business intelligence applications. The special focus on the application of CRM and BI technologies for managing the customer and data lifecycle. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be accepted in the Master of Information Systems program. QTR EQUIV: MIS 792

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1657 **STATUS:** Complete **CREATOR:** Arijit Sengupta **CREATED:** 1/15/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** MIS796 - Information Assurance **STUDENT REC TITLE:** Information Assurance **EFFECTIVE:** Winter 2010 **COURSE DESC:** This survey course will provide an understanding of communications and IT infrastructures, their vulnerability as well as the size and complexity of security threats faced by enterprises. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 796
	VERSION: REV **COURSE:** MIS7700 - Information Assurance **STUDENT REC TITLE:** Information Assurance **EFFECTIVE:** Fall 2012 **COURSE DESC:** This survey course will provide an understanding of communications and IT infrastructures, their vulnerability as well as the size and complexity of security threats faced by enterprises. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 796

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1658 **STATUS:** Complete **CREATOR:** Arijit Sengupta **CREATED:** 1/15/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** MIS797 - Management of Technical Services **STUDENT REC TITLE:** Mgt of Tech Services **EFFECTIVE:** Winter 2010 **COURSE DESC:** The objectives of this course are to provide an understanding of the unique challenges inherent in profit delivering service excellence and providing an introduction to state of the art service management thinking. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 797
	VERSION: REV **COURSE:** MIS7800 - Management of Technical Services **STUDENT REC TITLE:** Mgt of Tech Services **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to state-of-the-art service management thinking. Provides an understanding of the unique challenges inherent in profit- delivering service excellence **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 797

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1665 **STATUS:** Complete **CREATOR:** Arijit Sengupta **CREATED:** 1/15/10 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** CURR **COURSE:** MIS7900 - IS Management Research Project **STUDENT REC TITLE:** IS Mgt Research Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** The Capstone IT Project provides students the opportunity to individually explore a problem or issue within the IT field study. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Programs: Information Systems - MIS May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: MIS 799
	VERSION: CURR **COURSE:** MIS799 - IS Management Research Project **STUDENT REC TITLE:** IS Mgt Research Project **EFFECTIVE:** Winter 2010 **COURSE DESC:** The Capstone IT Project provides students the opportunity to individually explore a problem or issue within the IT field study. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 799
	VERSION: REV **COURSE:** MIS7900 - IS Management Research Project **STUDENT REC TITLE:** IS Mgt Research Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** The Capstone IT Project provides students the opportunity to individually explore a problem or issue within the IT field study. **COLLEGE:** Raj Soin College of Business **CRED HR:** 6 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 2 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Information Systems - MIS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MIS 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1145 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 12/18/09 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** MKT707 - Marketing Research & Analysis **STUDENT REC TITLE:** Marketing Research & Analysis **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level MBA 760 QTR EQUIV: MKT 707
	VERSION: REV **COURSE:** MKT7500 - Marketing Research & Analysis **STUDENT REC TITLE:** Marketing Res & Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course is aimed at the manager who is th ultimate user of research and who is responsible for determining the scope and direction of reseach activities. The course will focus on both qualitative and quantitative aspects of marketing research and how managers use the results to address marketing problems. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: MBA 7600 with a minimum grade of "C". QTR PREREQ: Graduate level MBA 760 QTR EQUIV: MKT 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1149 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 12/18/09 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** MKT716 - International Marketing **STUDENT REC TITLE:** International Marketing **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduces the concepts and language of international marketing and examines institutional, behavioral, and managerial aspects of a cross section of national marketing systems and multinational organization operations. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level MBA 760 QTR EQUIV: MKT 716
	VERSION: REV **COURSE:** MKT7700 - International Marketing **STUDENT REC TITLE:** International Marketing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces the concepts and language of international marketing and examines institutional, behavioral, and managerial aspects of a cross section of national marketing systems and multinational organization operations. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: MBA 7600 with the grade of "C" or better. QTR PREREQ: Graduate level MBA 760 QTR EQUIV: MKT 716

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3450 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 5/24/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** MKT775 - Entrepreneurship **STUDENT REC TITLE:** Entrepreneurship **EFFECTIVE:** Fall 2010 **COURSE DESC:** Problems and perspectives in starting new ventures. Concepts and techniques of searching for market opportunities, screening and evaluating potentials, negotiating, and financing to initiate or purchase a company. May develop individual written business plan. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business QTR PREREQ: Graduate level MBA 760 QTR EQUIV: MKT 775
	VERSION: REV **COURSE:** MKT7300 - Entrepreneurship **STUDENT REC TITLE:** Entrepreneurship **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course will discuss the role of entrepreneurship in the economy. The course will also discuss how new ventures are developed. The course draws from a number of disciplines including marketing, finance, accounting, management, ethics, and law that form the foundation of a business. The course will include a discussion of the role of business plans and discuss how to prepare a successful business plan. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Raj Soin College of Business SEM PREREQ: MBA 7600 QTR PREREQ: Graduate level MBA 760 QTR EQUIV: MKT 775

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1151 **STATUS:** Complete **CREATOR:** Teresa Stelmat **CREATED:** 12/18/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** MKT7800 - Marketing Simulation and Return on Investment **STUDENT REC TITLE:** MKT Sim/ Return on Inv **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course provides a simulated learning environment where customer needs evolve, new products are introduced, and the economy and context change. Students manage short and long term objectives and make integrated marketing decisions that impact other functional areas of the business. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: MBA 7600 and FIN 7420

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7504 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 2/21/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** MS787 - Supply Chain Project Management **STUDENT REC TITLE:** Supply Chain Project Mgt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Planning, organizing and control or transformation projects in supply chains. Strategic role of supply chain projects, types and appropriate planning methods for supply chain projects, risk management, value considerations, project scheduling and resource management. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Logist Mgmt--Supply Chain - MS May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: None QTR EQUIV: MS 787
	VERSION: REV **COURSE:** SCM7870 - Supply Chain Project Management & Transformation **STUDENT REC TITLE:** Global Log & Trade **EFFECTIVE:** Fall 2012 **COURSE DESC:** Planning, organizing and control or transformation projects in supply chains. Strategic role of supply chain projects, types and appropriate planning methods for supply chain projects, risk management, value considerations, project scheduling and resource management. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Logist Mgmt--Supply Chain - MS May not be enrolled in one of the following Levels: Undergraduate SEM PREREQ: None QTR PREREQ: None QTR EQUIV: MS 787

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5607 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/27/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MS788 - Basics Supply Chain Management **STUDENT REC TITLE:** Basics Supply Chain Management **EFFECTIVE:** Winter 2011 **COURSE DESC:** Explores the fundamentals of supply chain management, including the strategic role of the supply chain, key drivers of supply chain performance, and analytical tools and techniques for supply chain analysis. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MS 788
	VERSION: REV **COURSE:** SCM7880 - Foundations of Supply Chain Management **STUDENT REC TITLE:** Foundations of SCM **EFFECTIVE:** Fall 2012 **COURSE DESC:** Strategic role of integraated supply chain management; supply chain design and dynamics; supply chain frameworks and customer-focused design. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. MSLSCM only. QTR EQUIV: MS 788

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5603 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/27/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MS791 - Benchmarking & Perform Metrics **STUDENT REC TITLE:** Benchmarking & Perform Metrics **EFFECTIVE:** Winter 2011 **COURSE DESC:** This course focuses on the selection, use and evaluation of appropriate metrics for supply chain performance; the use of the benchmarking process; and the use of the Baldridge Criteria for organizational assessment. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: MS 791
	VERSION: REV **COURSE:** SCM7910 - Performance Measurement and Supply Chain Transformation **STUDENT REC TITLE:** Perf Meas & SC Transform **EFFECTIVE:** Fall 2012 **COURSE DESC:** Demand management strategies that an organization can use to efficiently combine demand with supply. Course also covers how to manage an organization's forecasting efforts for use in supply chain planning. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate; MSLSCM only. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: MS 791

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5437 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/22/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MS792 - Supply Chain Network Design **STUDENT REC TITLE:** Supply Chain Network Design **EFFECTIVE:** Fall 2010 **COURSE DESC:** The course studies models that explore the key issues associated with the design and management of supply networks. Special attention will be given to integration of supply chain decisions and consequential difficulties. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: MS 792
	VERSION: REV **COURSE:** SCM7920 - Supply Chain Design and Integration **STUDENT REC TITLE:** SC Design & Integration **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course studies models that explore the key issues associated with the design and management of supply networks. Special attention will be given to integration of supply chain decisions and consequential difficulties. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. MSLSCM only. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: MS 792

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5457 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/22/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MS793 - Supply Chain Operations **STUDENT REC TITLE:** Supply Chain Operations **EFFECTIVE:** Fall 2010 **COURSE DESC:** Explores the fundamentals of inventory management, including continuous replenishment, ordering policies, measuring global and chain inventory, inventory positioning within the chain, and risk pooling. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: MS 793
	VERSION: REV **COURSE:** SCM7930 - Supply Chain Operations and Control **STUDENT REC TITLE:** SC Ops and Control **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced topics in manufacturing and service operations, including process planning and design; inventory systems, scheduling and queing. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. MSLSCM only. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: MS 793

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5443 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/22/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MS794 - Lean Supply Chain Management **STUDENT REC TITLE:** Lean Supply Chain Management **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focuses on topics which support the development of lean supply chains within the organization. Topics include value stream mapping of processes, Kaizen approach to continuous improvement, and use of quality tools for process evaluation. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: MS 794
	VERSION: REV **COURSE:** SCM7940 - Total Quality Management and Lean Supply Processes **STUDENT REC TITLE:** Tot Qual Mgt & Lean Sup **EFFECTIVE:** Fall 2012 **COURSE DESC:** Process and quality improvement, Six Sigma principles, value stream mapping, Baldridge assessment, benchmarking performance measurement and lean principles. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. MSLSCM only. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: MS 794

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5434 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/22/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MS795 - Info Tech & Supply Chain **STUDENT REC TITLE:** Info Tech & Supply Chain **EFFECTIVE:** Fall 2010 **COURSE DESC:** IT & SC focuses on managing material and information outside the factory walls including aspects of product design collaboration, demand planning and forecasting, inventory deployment, distribution design system, channel management, procurement, and logistics. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: MS 795
	VERSION: REV **COURSE:** SCM7950 - Info Tech & Supply Chain **STUDENT REC TITLE:** Info Tech & Supply Chain **EFFECTIVE:** Fall 2012 **COURSE DESC:** Information technology as an enabler of improved supply chain performance. Managing material and information outside the factory walls. Includes supply chain technology, ERP systems, e-business and collaborative technologies, synchronizing technologies, and RFID. Recommended processes for the evaluation, selection, and implementation of appropriate technologies. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. MSLSCM only. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: MS 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5433 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/22/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MS796 - Strategic Sourcing **STUDENT REC TITLE:** Strategic Sourcing **EFFECTIVE:** Fall 2010 **COURSE DESC:** Course covers current issues of strategic sourcing within organizations. Begins by underscoring the differences between tactical versus strategic sourcing. **COLLEGE:** Raj Soin College of Business **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: MS 796
	VERSION: REV **COURSE:** SCM7960 - Strategic Sourcing **STUDENT REC TITLE:** Strategic Sourcing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Strategic sourcing, including the tactical and functional operations of purchasing as well as proactive establishment, management, and optimization of the firm's supply base of goods and services and to improve supply chain performance. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. MSLSCM only. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: MS 796

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5464 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/22/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** MS799 - SCM Project **STUDENT REC TITLE:** SCM Project **EFFECTIVE:** Fall 2010 **COURSE DESC:** The SCM project will be designed individually by the student and supervised by a faculty member. The project will examine issue areas in supply chain management. **COLLEGE:** Raj Soin College of Business **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: MS 799
	VERSION: REV **COURSE:** SCM7990 - SCM Capstone Project **STUDENT REC TITLE:** SCM Capstone Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Student completes a comprehensive supply chain management project either individually or in a small team. The objectives of the project are to (a) develop a feasible solution for a significant business problem in the supply chain of the sponsoring organization; (b) demonstrate how the solution provides value to the sponsoring organization; and (c) provide a review of relevant best practice and research in the field of supply chain management related to the toopic of the project. **COLLEGE:** Raj Soin College of Business **CRED HR:** 8 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 8 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. MSLSCM only. SEM PREREQ: None QTR PREREQ: None QTR EQUIV: MS 799

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7048 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 1/26/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** MTE6100 - Mathematical Modeling in the Behavioral Sciences **STUDENT REC TITLE:** Math Modeling Behav Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Important mathematical topics such as differential equations, axiomatics, probability theory, matrix algebra, simulation, and game theory and their use in a variety of models in the social sciences, life sciences, and humanities. Includes deterministic models, probabilistic models, simulations, and considers both discrete and continuous models. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2310 XLIST: MTH 3100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
489 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTE640 - History of Mathematics **STUDENT REC TITLE:** History of Mathematics **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Master of Education QTR EQUIV: MTE 640
	VERSION: REV **COURSE:** MTE6400 - History of Mathematics **STUDENT REC TITLE:** History of Mathematics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Mathematics as an on-going human activity. Historical development and contributions from diverse cultures of: number systems; measurement; algebra; Euclidean and non-Euclidean geometries; calculus; discrete mathematics; and statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Master of Education SEM PREREQ: MTH 2800 XLIST: MTH 4400 QTR EQUIV: MTE 640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
430 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTE642 - Prob/Stat-Middle Schl Tchrs **STUDENT REC TITLE:** Prob/Stat-Middle Schl Tchrs **EFFECTIVE:** Winter 2010 **COURSE DESC:** Probability and statistical methods applied to real problems. Scientific method of investigation. Data collection, organization, display, and analysis. Sampling distributions and probability. Introductions to statistical inference. Use of appropriate software and graphing calculator. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Master of Education QTR PREREQ: MTH 128 Minimum Grade of C or MTH 129 Minimum Grade of C or WSU Math Placement 05 QTR EQUIV: MTE 642
	VERSION: REV **COURSE:** MTE6420 - Probability and Statistics for Middle School Teachers **STUDENT REC TITLE:** Prob Stat Mid Schl Tchr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Probability and statistical methods applied to real problems. Scientific method of investigation. Data collection, organization, display, and analysis. Sampling distributions and probability. Introductions to statistical inference. Use of appropriate software and graphing calculator. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: Master of Science in Teaching or Master of Education XLIST: STT 3420 SPC FEE: Math & Stats Course Fee (2026), $7.5 QTR PREREQ: MTH 128 Minimum Grade of C or MTH 129 Minimum Grade of C or WSU Math Placement 05 QTR EQUIV: MTE 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
431 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTE643 - Alg & Fcns-Middle Schl Tchrs **STUDENT REC TITLE:** Alg & Fcns-Middle Schl Tchrs **EFFECTIVE:** Winter 2010 **COURSE DESC:** Polynomial, exponential, logarithmic, rational, and trigonometric functions will be studied from a perspective appropriate for a teacher. Computing, programming, graphing, and data collection technology will be used. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Master of Education QTR PREREQ: MTH 128 Minimum Grade of C or MTH 129 Minimum Grade of C or WSU Math Placement 05 QTR EQUIV: MTE 643
	VERSION: REV **COURSE:** MTE6430 - Algebra and Functions for Middle School Teachers **STUDENT REC TITLE:** Alg Func Mid Schl Tchr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Algebraic principles and linear functions are reviewed with respect to their usage in middle school classrooms. Polynomial, rational, exponential, logarithmic, and trigonometric functions are studied from a perspective appropriate for a middle school teacher. Students explore how properties of functions appear in various representations by means of technological tools. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: Master of Science in Teaching or Master of Education SEM PREREQ: Minimum Grade of C in MTH 1280 or WSU Math Level 5 XLIST: MTH 3430 QTR PREREQ: MTH 128 Minimum Grade of C or MTH 129 Minimum Grade of C or WSU Math Placement 05 QTR EQUIV: MTE 643

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
433 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTE644 - Prob Solv-Middle Schl Tchrs **STUDENT REC TITLE:** Prob Solv-Middle Schl Tchrs **EFFECTIVE:** Winter 2010 **COURSE DESC:** A framewrok and useful heuristics for solving problems. Visual thinking and reasoning, metacognition, problem-solving logs and summaries, problem solving individually and in groups. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Master of Education QTR PREREQ: Graduate level MTE 644 Minimum Grade of C or MTH 130 Minimum Grade of C QTR EQUIV: MTE 646
	VERSION: CURR **COURSE:** MTE646 - Mth Modeling-Middle Schl Tchrs **STUDENT REC TITLE:** Mth Modeling-Middle Schl Tchrs **EFFECTIVE:** Winter 2010 **COURSE DESC:** An introduction to mathematical modeling, with modeling real world problems individually and in groups. Working with the steps involved in modeling a real-life situation and understanding how modeling differs from simple problem solving. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Master of Education QTR PREREQ: Graduate level MTE 644 Minimum Grade of C or MTH 130 Minimum Grade of C QTR EQUIV: MTE 646
	VERSION: REV **COURSE:** MTE6460 - Problem Solving and Mathematical Modeling for Middle School Teachers **STUDENT REC TITLE:** Modeling Mid Schl Tchr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Learning to think about the world quantitatively through experiencing solving pure and applied mathematics problems and modeling real world problems individually and in groups. Focuses on working with the steps involved in modeling real-life situations and understanding how modeling and problem solving differ.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
433 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/21/09 **APPROVED:** 2/24/11 WorkFlow	**COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: Master of Science in Teaching or Master of Education SEM PREREQ: (Minimum Grade of C in MTH 1280 or WSU Math Level 5) or Minimum Grade of C in MTE 6480 XLIST: MTH 4460 QTR PREREQ: Graduate level MTE 644 Minimum Grade of C or MTH 130 Minimum Grade of C QTR EQUIV: MTE 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
432 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTE645 - Geometry-Middle School Teacher **STUDENT REC TITLE:** Geometry-Middle School Teacher **EFFECTIVE:** Winter 2010 **COURSE DESC:** Axioms, finite geometries, non-metric and metric lengths, angles, area, volume, polygonal figures, elementary curves,. 3 hours lecture, 1 hour lab. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Master of Education QTR PREREQ: Graduate level MTH 244 Minimum Grade of C QTR EQUIV: MTE 645
	VERSION: REV **COURSE:** MTE6450 - Geometry for Middle School Teachers **STUDENT REC TITLE:** Geometry Mid Schl Tchr **EFFECTIVE:** Fall 2012 **COURSE DESC:** A study of two- and three-dimensional geometry appropriate for grade 4-10 teachers. Compass constructions, triangle congruence postulates, Pythagorean Theorem and proofs. Surface area and volume. Coordinate geometry applied to proofs and transformations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: Master of Science in Teaching or Master of Education SEM PREREQ: Minimum Grade of C in MTE 6430 or Minimum Grade of C in MTH1280 XLIST: MTH 3450 SPC FEE: Math & Stats Course Fee (2026), $15 QTR PREREQ: Graduate level MTH 244 Minimum Grade of C QTR EQUIV: MTE 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
434 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/21/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTE648 - Calculus-Middle School Teacher **STUDENT REC TITLE:** Calculus-Middle School Teacher **EFFECTIVE:** Winter 2010 **COURSE DESC:** An exploration and study designed to provide conceptual understanding of differentiation and integration with examples of their diverse applications and their connections to algebra and geometry. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Sci in Teaching Master of Education QTR PREREQ: Graduate level MTE 643 Minimum Grade of C or MTH 130 Minimum Grade of C QTR EQUIV: MTE 648
	VERSION: REV **COURSE:** MTE6480 - Concepts in Calculus for Middle School Teachers **STUDENT REC TITLE:** Calculus Mid Schl Tchr **EFFECTIVE:** Fall 2012 **COURSE DESC:** An exploration meant to give a solid conceptual understanding of the big ideas in calculus (limit, derivative, integral). Applications, connections to algebra, and how these concepts appear in middle school math classrooms are emphasized. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Degrees: Master of Science in Teaching or Master of Education SEM PREREQ: Minimum Grade of C in MTE 6430 or Minimum Grade of C in MTH1280 XLIST: MTH 3480 SPC FEE: Math & Stats Course Fee (2026), $7.5 QTR PREREQ: Graduate level MTE 643 Minimum Grade of C or MTH 130 Minimum Grade of C QTR EQUIV: MTE 648

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
565 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/25/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTE688 - Ind Rdg Math/Stat Education **STUDENT REC TITLE:** Ind Rdg Math/Stat Education **EFFECTIVE:** Winter 2010 **COURSE DESC:** Selected topics from the research literature on a particular topic in mathematics and statistics education. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTE 688
	VERSION: REV **COURSE:** MTE6880 - Independent Reading in Mathematics and Statistics Education **STUDENT REC TITLE:** Ind Reading Math Stat Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics from the research literature on a particular topic in mathematics and statistics education. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTE 688

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
566 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/25/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTE692 - Seminar in Math/Stat Education **STUDENT REC TITLE:** Seminar in Math/Stat Education **EFFECTIVE:** Winter 2010 **COURSE DESC:** Reading and discussion of current trends and research in mathematics and statistics education with applications to Pre K-14 mathematics classrooms. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTE 692
	VERSION: REV **COURSE:** MTE6920 - Seminar in Mathematics and Statistics Education **STUDENT REC TITLE:** Seminar in Math Stat Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading and discussion of current trends and research in mathematics and statistics education with applications to Pre K-14 mathematics classrooms. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTE 692

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
567 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/25/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTE699 - Sel Topics-Math/Stat Education **STUDENT REC TITLE:** Sel Topics-Math/Stat Education **EFFECTIVE:** Winter 2010 **COURSE DESC:** Selected topics pertinent to Pre K - 14 mathematics educators. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTE 699
	VERSION: REV **COURSE:** MTE6990 - Selected Topics in Mathematics and Statistics Education **STUDENT REC TITLE:** Sel Topics Math Stat Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics pertinent to Pre K - 14 mathematics educators. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTE 699

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
555 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH504 - Advanced Engineering Mathematics I **STUDENT REC TITLE:** Adv Egr Mth I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics may include ordinary differential equations, linear algebra orthogonality, Fourier series and integrals, multivariable calculus, and partial differential equations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 232 and (MTH 235 or MTH 233 and MTH 253) QTR EQUIV: MTH 504
	VERSION: REV **COURSE:** MTH5040 - Advanced Engineering Mathematics **STUDENT REC TITLE:** Adv Engineering Math **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics selected from linear algebra, ordinary differential equations, linear difference equations, geometry, and multivariable calculus. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2320 and (MTH 2350 or MTH 2330) QTR PREREQ: MTH 232 and (MTH 235 or MTH 233 and MTH 253) QTR EQUIV: MTH 504

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
3782 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 6/15/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH505 - Advanced Engineering Mathematics II **STUDENT REC TITLE:** Adv Egr Mth II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Topics may include multivariable calculus, partial differential equations, numerical methods, linear algebra, complex variables, conformal mapping, calculus of variations, and wavelets. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 304 or Graduate level MTH 504 QTR EQUIV: MTH 505
	VERSION: REV **COURSE:** MTH6050 - Advanced Engineering Mathematics II **STUDENT REC TITLE:** Adv Egr Mth II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics chosen from orthogonality, matrix factorizations, Rayleigh quotient, curvilinear and rotating coordinates, multivariable integration, Fourier series and integrals, and partial differential equations models and solutions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 5040 QTR PREREQ: MTH 304 or Graduate level MTH 504 QTR EQUIV: MTH 505

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2413 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 3/22/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH516 - Num Meth-Digital Comp I **STUDENT REC TITLE:** Num Meth-Digital Comp I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to numerical methods used in the sciences. Includes methods of interpolation, data smoothing, functional approximation, integration, solutions of systems of equations, and solutions of ordinary differential equations. 3 hours lecture, 2 hours lab **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 231 and (MTH 235 or MTH 253 or MTH 255) and (CS 142 or CEG 220 or CS 241 or EGR 153) QTR EQUIV: MTH 517
	VERSION: CURR **COURSE:** MTH517 - Num Meth-Digital Comp II **STUDENT REC TITLE:** Num Meth-Digital Comp II **EFFECTIVE:** Spring 2010 **COURSE DESC:** An introduction to numerical methods used in the sciences. Includes methods of interpolation, data smoothing, functional approximation, integration, solutions of systems of equations, and solutions of ordinary differential equations. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 231 and (MTH 235 or MTH 253 or MTH 255) and (CS 142 or CEG 220 or CS 241 or EGR 153) QTR EQUIV: MTH 517
	VERSION: REV **COURSE:** MTH5260 - Numerical Methods for Computational Science **STUDENT REC TITLE:** Num Mthds Comput Sci **EFFECTIVE:** Fall 2012 **COURSE DESC:** Numerical methods for the sciences using modern programming languages. Solution of linear and nonlinear equations, symmetric matrix eigenvalue problems, interpolation and least squares. Initial value and boundary value problems for representative systems governed by ordinary and partial differential equations are also solved numerically. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2413 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 3/22/10 **APPROVED:** 7/19/11 WorkFlow	**GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (CS 1160 or CS 1180 or CEG 2170) and (MTH 2350 or (MTH 2330 and MTH 2530)) XLIST: CS 3260, MTH 3260, CS 5260 QTR PREREQ: MTH 231 and (MTH 235 or MTH 253 or MTH 255) and (CS 142 or CEG 220 or CS 241 or EGR 153) QTR EQUIV: MTH 517

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
477 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH532 - Complex Variables **STUDENT REC TITLE:** Complex Variables **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics discussed include power series expansion, the formula of Cauchy, residues, conformal mappings, and elementary functions in the complex domain. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 232 QTR EQUIV: MTH 532
	VERSION: REV **COURSE:** MTH5320 - Complex Variables **STUDENT REC TITLE:** Complex Variables **EFFECTIVE:** Fall 2012 **COURSE DESC:** Operations with complex numbers; derivatives; holomorphic functions and the Cauchy-Riemann equations; integrals; Cauchys Theorem, the Cauchy Integral Formula, and consequences; definitions and properties of elementary functions; power series; conformal maps; the calculus of residues. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2320 XLIST: MTH 3320 QTR PREREQ: MTH 232 QTR EQUIV: MTH 532

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
587 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/25/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH533 - Part Dffrn Equa-Bndrs Val Prob **STUDENT REC TITLE:** Part Dffrn Equa-Bndrs Val Prob **EFFECTIVE:** Winter 2010 **COURSE DESC:** Partial differential equations, boundary value problems, eigenfunctions, Fourier series, and applications. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 232 and MTH 233 QTR EQUIV: MTH 533
	VERSION: REV **COURSE:** MTH5330 - Partial Differential Equations **STUDENT REC TITLE:** Partial Differential Eq **EFFECTIVE:** Fall 2012 **COURSE DESC:** Linear first order equations, method of characteristics. Classification of second order equations. Solution techniques for the heat equation, wave equation and Laplace's equation. Maximum principles. Green's functions and fundamental solutions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2320 and (MTH 2330 or MTH 2350) XLIST: MTH 3330 QTR PREREQ: MTH 232 and MTH 233 QTR EQUIV: MTH 533

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
480 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH581 - Elementary Number Theory **STUDENT REC TITLE:** Elementary Number Theory **EFFECTIVE:** Winter 2010 **COURSE DESC:** Divisibility properties of integers, prime numbers, congruences, the Chinese remainder theorem, quadratic reciprocity law, Mobius inversion formula, Euler f-function, other number-theoretic functions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 231 QTR EQUIV: MTH 651
	VERSION: CURR **COURSE:** MTH651 - Intro to Modern Algebra I **STUDENT REC TITLE:** Intro to Modern Algebra I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to abstract algebraic structures including groups, rings, integral domains, and fields. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 231 QTR EQUIV: MTH 651
	VERSION: REV **COURSE:** MTH6510 - Modern Algebra I **STUDENT REC TITLE:** Modern Algebra I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Elementary number theory: divisibility, prime numbers, congruences, quadratic reciprocity, and number-theoretic functions. This provides an introduction to rings, integral domains, and fields. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2800 XLIST: MTH 4510 QTR PREREQ: MTH 231 QTR EQUIV: MTH 651

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
571 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/25/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH599 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Selected topics in mathematics. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 599
	VERSION: REV **COURSE:** MTH5990 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in mathematics. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 599

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
556 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH606 - Mathematical Modeling **STUDENT REC TITLE:** Mathematical Modeling **EFFECTIVE:** Winter 2010 **COURSE DESC:** Structure and properties of mathematical models. Size effects, dimensional analysis, graphical methods, comparative statics, stability, optimization techniques, probabilistic models, and Monte Carlo simulation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 233 and MTH 253 or MTH 355 QTR EQUIV: MTH 606
	VERSION: REV **COURSE:** MTH6060 - Mathematical Modeling **STUDENT REC TITLE:** Mathematical Modeling **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to mathematics as it is used in the real world. Graphical methods, curve-fitting, dimensional analysis, scaling, stability, growth, vibrations, circuits, probability, optimality, approximation, Monte Carlo simulation. Students will be encouraged to make creative use of mathematical and problem-solving skills, and asked to develop an original model. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (MTH 2330 and MTH 2530) or MTH 2350 XLIST: MTH 3060 QTR PREREQ: MTH 233 and MTH 253 or MTH 355 QTR EQUIV: MTH 606

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
557 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH607 - Optimization Techniques **STUDENT REC TITLE:** Optimization Techniques **EFFECTIVE:** Winter 2010 **COURSE DESC:** Concepts of minima and maxima; linear programming; simplex method, sensitivity, and duality; transportation and assignment problems; and dynamic programming. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 233 and MTH 253 or MTH 255 QTR EQUIV: MTH 607
	VERSION: REV **COURSE:** MTH6070 - Optimization Techniques **STUDENT REC TITLE:** Optimization Techniques **EFFECTIVE:** Fall 2012 **COURSE DESC:** Algorithms for optimizing real functions of several variables subject to equality and inequality constraints. Convexity properties of functions and sets, linear programming, simplex and interior point methods, integer programming, branch and bound algorithm, transportation problem, necessary and sufficient conditions for nonlinear function optimization, Newton and quasi-Newton methods, Lagrange multiplier conditions, Kuhn-Tucker conditions, dynamic programming. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2320 and MTH 2530 XLIST: CS 4070, MTH 4070, CS 6070 QTR PREREQ: MTH 233 and MTH 253 or MTH 255 QTR EQUIV: MTH 607

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
558 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH614 - Intro to Mathematical Software **STUDENT REC TITLE:** Intro to Mathematical Software **EFFECTIVE:** Winter 2010 **COURSE DESC:** Solving scientific problems using computational software packages MATLAB and MATHEMATICA, including procedural and functional programming. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 233 and MTH 253 QTR EQUIV: MTH 614
	VERSION: REV **COURSE:** MTH6140 - Mathematical Software **STUDENT REC TITLE:** Mathematical Software **EFFECTIVE:** Fall 2012 **COURSE DESC:** Solving scientific problems using computational software packages MATLAB and Mathematica, including procedural and functional programming. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (MTH 2330 and MTH 2530) or MTH 2350 XLIST: MTH 3140 QTR PREREQ: MTH 233 and MTH 253 QTR EQUIV: MTH 614

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FORM	COURSE INFORMATION
559 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH615 - Intro-Scientific Computation **STUDENT REC TITLE:** Intro-Scientific Computation **EFFECTIVE:** Winter 2010 **COURSE DESC:** In a hands-on multidisciplinary setting, the student will use modern computational techniques to simulate phenomena, running and modifying existing programs. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 314 or Graduate level MTH 614 and MTH 416 or Graduate level MTH 616 or Graduate level MTH 717 and MTH 306 or Graduate level MTH 606 QTR EQUIV: MTH 615
	VERSION: REV **COURSE:** MTH6150 - Scientific Computation **STUDENT REC TITLE:** Scientific Computation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Modern computational techniques for simulating scientific phenomena. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Prerequisite: (MTH 3140 or MTH 4160) and MTH 3060 XLIST: MTH 4150 QTR PREREQ: MTH 314 or Graduate level MTH 614 and MTH 416 or Graduate level MTH 616 or Graduate level MTH 717 and MTH 306 or Graduate level MTH 606 QTR EQUIV: MTH 615

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2469 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 3/24/10 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH616 - Matrix Computations **STUDENT REC TITLE:** Matrix Computations **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of numerical methods in linear algebra emphasizing practice with high-level computer tools. Topics include Gaussian elimination, LU decomposition, numerical eigenvalue problems, QR factorization, least squares, singular value decompositions, and iterative methods. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 253 or MTH 355 and CS 142 or CS 241 QTR EQUIV: MTH 616
	VERSION: REV **COURSE:** MTH6260 - Matrix Computations **STUDENT REC TITLE:** Matrix Computations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Numerical linear algebra survey using high-level computing tools. Topics include linear equations, matrix factorizations, eigenvalue problems, least squares, applications of singular value decompositions, and iterative methods for large sparse matrices. Conditioning of problems and accuracy and stability of algorithms are emphasized. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2530 and (CS 1160 or CS 1180 or CEG 2170) XLIST: CEG 6260, MTH 4260, CEG 4260 QTR PREREQ: MTH 253 or MTH 355 and CS 142 or CS 241 QTR EQUIV: MTH 616

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
479 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH619 - Cryptography & Data Security **STUDENT REC TITLE:** Cryptography & Data Security **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduces the mathematical principles of data security. Various developments in cryptography discussed, including public-key encryption, digital signatures, data encryption standard (DES), and key safeguarding schemes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 253 or MTH 255 QTR EQUIV: MTH 619
	VERSION: REV **COURSE:** MTH6290 - Cryptography and Data Security **STUDENT REC TITLE:** Cryptography Data Secur **EFFECTIVE:** Fall 2012 **COURSE DESC:** Mathematical principles of cryptography and data security. Preliminary algebra and number theory will be briefly introduced. Various developments in cryptography will then be discussed, including the data encryption standard (DES), public-key encryption (RSA), cryptographic hash functions, digital signatures, key safeguarding schemes, and cryptographic protocols such as key exchange and entity authentication, identification schemes, electronic elections and digital cash. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2530 XLIST: MTH 4290, CS 6290, CS 4290 QTR PREREQ: MTH 253 or MTH 255 QTR EQUIV: MTH 619

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
509 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 7/19/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH656 - Coding Theory **STUDENT REC TITLE:** Coding Theory **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to the essentials of error-correcting codes, the study of methods for efficient and accurate transfer of information. Topics covered include basic concepts, perfect and related codes, cyclic codes, and BCH codes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 253 or MTH 255 QTR EQUIV: MTH 656
	VERSION: REV **COURSE:** MTH6240 - Coding Theory **STUDENT REC TITLE:** Coding Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the essentials of error-correcting codes, including methods for efficient and accurate transfer of information. Perfect and related codes, linear and cyclic codes, BCH codes, Reed-Muller codes, Reed-Solomon cods, Self-dual codes, weight enumerators and bounds. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2530 XLIST: MTH 4240, CS 6240, EE 6780, CS 4240, EE 4780 QTR PREREQ: MTH 253 or MTH 255 QTR EQUIV: MTH 656

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FORM	COURSE INFORMATION
485 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH631 - Real Variables **STUDENT REC TITLE:** Real Variables **EFFECTIVE:** Winter 2010 **COURSE DESC:** Functions, sequences, limits, continuity, differentiability, integration, and mean-value theorems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 232 QTR EQUIV: MTH 632
	VERSION: CURR **COURSE:** MTH632 - Real Variables II **STUDENT REC TITLE:** Real Variables II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Infinite series, uniform convergence, Taylor series, improper integrals, special functions, and Fourier series. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 232 QTR EQUIV: MTH 632
	VERSION: REV **COURSE:** MTH6310 - Real Variables I **STUDENT REC TITLE:** Real Variables I **EFFECTIVE:** Fall 2012 **COURSE DESC:** The real number system, inequalities, completeness, limits, sequences and the Cauchy criterion, functions, continuity, differentiablity, the mean value theorem, LHospitals rule, Taylors theorem, the Riemann integral, fundamental theorem of calculus, approximate integration, improper integrals. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2800 XLIST: MTH 4310 QTR PREREQ: MTH 232 QTR EQUIV: MTH 632

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FORM	COURSE INFORMATION
487 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH632 - Real Variables II **STUDENT REC TITLE:** Real Variables II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Infinite series, uniform convergence, Taylor series, improper integrals, special functions, and Fourier series. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 631 QTR EQUIV: MTH 633
	VERSION: CURR **COURSE:** MTH633 - Real Variables III **STUDENT REC TITLE:** Real Variables III **EFFECTIVE:** Winter 2010 **COURSE DESC:** Theory of functions of several variables and vector-valued functions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 631 QTR EQUIV: MTH 633
	VERSION: REV **COURSE:** MTH6320 - Real Variables II **STUDENT REC TITLE:** Real Variables II **EFFECTIVE:** Fall 2012 **COURSE DESC:** nfinite series, sequences and series of functions, power series, taylor series, uniform convergence, topology of R^n, real-valued and vector-valued functions of several variables, derivatives and integrals of functions of several variables. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2530 and (MTH 4310 or MTH 6310) XLIST: MTH 4320 QTR PREREQ: Graduate level MTH 631 QTR EQUIV: MTH 633

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
482 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH651 - Intro to Modern Algebra I **STUDENT REC TITLE:** Intro to Modern Algebra I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to abstract algebraic structures including groups, rings, integral domains, and fields. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 651 QTR EQUIV: MTH 652
	VERSION: CURR **COURSE:** MTH652 - Intro to Modern Algebra II **STUDENT REC TITLE:** Intro to Modern Algebra II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to abstract algebraic structures including groups, rings, integral domains, and fields. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 651 QTR EQUIV: MTH 652
	VERSION: REV **COURSE:** MTH6520 - Modern Algebra II **STUDENT REC TITLE:** Modern Algebra II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examples and elementary properties of abstract algebraic structures: these include groups, rings, integral domains, and fields. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 4510 or MTH 6510 XLIST: MTH 4520 QTR PREREQ: Graduate level MTH 651 QTR EQUIV: MTH 652

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
507 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH655 - Advanced Linear Algebra **STUDENT REC TITLE:** Advanced Linear Algebra **EFFECTIVE:** Winter 2010 **COURSE DESC:** Vector spaces and subspaces, basis and dimension, linear transformations and matrices, eigenvalues and eigenvectors, inner product spaces. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 255 QTR EQUIV: MTH 655
	VERSION: REV **COURSE:** MTH6550 - Advanced Linear Algebra **STUDENT REC TITLE:** Advanced Linear Algebra **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basic principles of linear independence, spanning sets, bases, and dimension. Linear transformations, matrix representations of linear transformations, and determinants. Spectral theory of square matrices, Jordan canonical form. Perron-Frobenius results on positive matrices. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2530 and MTH 2800 XLIST: MTH 4550 QTR PREREQ: MTH 255 QTR EQUIV: MTH 655

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FORM	COURSE INFORMATION
511 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH657 - Combinatorics **STUDENT REC TITLE:** Combinatorics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics from permutations, combinatorics, generating functions, recurrence relations, and Polya's theory of counting. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 657
	VERSION: CURR **COURSE:** MTH658 - Applied Graph Theory **STUDENT REC TITLE:** Applied Graph Theory **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to methods, results, and algorithms from graph theory. Emphasis on graphs as mathematical models applicable to organizational and industrial situations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 657
	VERSION: REV **COURSE:** MTH6570 - Combinatorics and Graph Theory **STUDENT REC TITLE:** Combinatorics and Graphs **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics include: permutations, combinatorics, generating functions, recurrence relations, and Polyas theory of counting; methods, results, and algorithms of graph theory, with emphasis on graphs as mathematical models applicable to organizational and industrial situations. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2310 and (CS 1160 or CS 1180 or CEG 2170) XLIST: MTH 4570 QTR EQUIV: MTH 657

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FORM	COURSE INFORMATION
513 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH671 - Geometry **STUDENT REC TITLE:** Geometry **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics in the foundation of Euclidean geometry, introduction to non-Euclidean and other geometries. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 231 QTR EQUIV: MTH 671
	VERSION: REV **COURSE:** MTH6710 - Geometry **STUDENT REC TITLE:** Geometry **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to hyperbolic and other geometries. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2800 XLIST: MTH 4710 QTR PREREQ: MTH 231 QTR EQUIV: MTH 671

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FORM	COURSE INFORMATION
560 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH681 - Meth Appl Mth:Diff Equation **STUDENT REC TITLE:** Meth Appl Mth:Diff Equation **EFFECTIVE:** Winter 2010 **COURSE DESC:** Solution methods for ordinary differential equations commonly arising in physics and engineering. Systems of equations, stability theory, Liapunov's methods, autonomous systems, existence and uniqueness of solutions, Poincare phase plane. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 233 and MTH 355 or MTH 480 QTR EQUIV: MTH 681
	VERSION: REV **COURSE:** MTH6810 - Applied Mathematics I **STUDENT REC TITLE:** Applied Mathematics I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Solution methods for ordinary differential equations commonly arising in physics and engineering. Systems of equations, stability theory, Liapunov's methods, autonomous systems, existence and uniqueness of solutions, and Poincare phase plane. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2320 and MTH 2530 XLIST: MTH 4810 QTR PREREQ: MTH 233 and MTH 355 or MTH 480 QTR EQUIV: MTH 681

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FORM	COURSE INFORMATION
561 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH682 - Meth Appl Mth:Integral Methods **STUDENT REC TITLE:** Meth Appl Mth:Integral Methods **EFFECTIVE:** Winter 2010 **COURSE DESC:** Use of integral transforms in the solution of differential and integral equations. Fourier series, Fourier and Laplace transforms distributions, integral equations, Greens functions, Sturm-Liouville theory, perturbation methods and asymptotics, orthogonal functions, special functions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 332 or MTH 434 and MTH 355 or MTH 480 QTR EQUIV: MTH 682
	VERSION: REV **COURSE:** MTH6820 - Applied Mathematics II **STUDENT REC TITLE:** Applied Mathematics II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Use of integral transforms in the solution of differential and integral equations, Fourier series, Fourier and Laplace transforms, distributions, integral equations, Green's functions, Sturm-Liouville theory, perturbation methods and asymptotics, orthogonal functions, and special functions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: (MTH 2320 and MTH 2530) or MTH 6810 XLIST: MTH 4820 QTR PREREQ: MTH 332 or MTH 434 and MTH 355 or MTH 480 QTR EQUIV: MTH 682

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FORM	COURSE INFORMATION
6891 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 1/17/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH688 - Independent Reading **STUDENT REC TITLE:** Independent Reading **EFFECTIVE:** Winter 2010 **COURSE DESC:** Titles vary. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 688
	VERSION: REV **COURSE:** MTH6880 - Independent Reading **STUDENT REC TITLE:** Independent Reading **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected readings in mathematics. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 688

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FORM	COURSE INFORMATION
6892 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 1/17/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH699 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Selected topics in mathematics. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 699
	VERSION: REV **COURSE:** MTH6990 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in mathematics. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 699

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FORM	COURSE INFORMATION
574 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/25/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH700 - Principles-Instruction in Math **STUDENT REC TITLE:** Principles-Instruction in Math **EFFECTIVE:** Winter 2010 **COURSE DESC:** Survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 700
	VERSION: REV **COURSE:** MTH7000 - Professional Experiences for Graduate Students **STUDENT REC TITLE:** Prof Experience Grad Stu **EFFECTIVE:** Fall 2012 **COURSE DESC:** Participation in seminars related to teaching and research. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 700

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
562 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH716 - Numerical Analysis I **STUDENT REC TITLE:** Numerical Analysis I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics chosen with emphasis on computational linear algebra. Systems of linear equations and Gaussian elimination; computation of eigenvalues and eigenvectors; matrix exponential; norm and condition number; and iterative methods. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 355 and CS 142 QTR EQUIV: MTH 717
	VERSION: CURR **COURSE:** MTH717 - Numerical Analysis II **STUDENT REC TITLE:** Numerical Analysis II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Finite difference methods for partial differential equations; analysis of stability and convergence. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 355 and CS 142 QTR EQUIV: MTH 717
	VERSION: REV **COURSE:** MTH7160 - Numerical Analysis I **STUDENT REC TITLE:** Numerical Analysis I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Solutions of systems of linear and nonlinear equations, numerical solution of matrix eigenvalue problems, interpolation and numerical integration, numerical solution of initial and boundary value problems for differential equations. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH6550 QTR PREREQ: MTH 355 and CS 142 QTR EQUIV: MTH 717

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
563 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 5/16/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH717 - Numerical Analysis II **STUDENT REC TITLE:** Numerical Analysis II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Finite difference methods for partial differential equations; analysis of stability and convergence. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 333 and MTH 431 and Graduate level MTH 716 QTR EQUIV: MTH 718
	VERSION: CURR **COURSE:** MTH718 - Numerical Analysis **STUDENT REC TITLE:** Numerical Analysis **EFFECTIVE:** Winter 2010 **COURSE DESC:** Finite element methods for elliptic boundary value problems, analysis of errors, approximation by finite element spaces, effects of curved boundaries, numerical integration, and finite element methods for parabolic problems. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 333 and MTH 431 and Graduate level MTH 716 QTR EQUIV: MTH 718
	VERSION: REV **COURSE:** MTH7170 - Numerical Analysis II **STUDENT REC TITLE:** Numerical Analysis II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Finite difference and finite element methods for partial differential equations, including elliptic, parabolic and hyperbolic. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 5330 and MTH 6550 QTR PREREQ: MTH 333 and MTH 431 and Graduate level MTH 716 QTR EQUIV: MTH 718

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
516 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH730 - Principles of Analysis **STUDENT REC TITLE:** Principles of Analysis **EFFECTIVE:** Winter 2010 **COURSE DESC:** Metric spaces: convergence, completeness, compactness, Ascoli-Arzela theorem. Stone-Weierstrass theorem. Banach spaces. Dual of Lp, of C[a,b]. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 730 QTR EQUIV: MTH 731
	VERSION: CURR **COURSE:** MTH731 - Real Analysis I **STUDENT REC TITLE:** Real Analysis I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Lebesque measure and integration on the real line. Convergence theorems, differentiation of integrals, functions of bounded variation, and absolute continuity. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 730 QTR EQUIV: MTH 731
	VERSION: REV **COURSE:** MTH7310 - Real Analysis I **STUDENT REC TITLE:** Real Analysis I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Cardinality of sets. Metric spaces, convergence, completeness, compactness. Fixed point Theorems. Spaces of continuous functions, Arzela-Ascoli Theorem, Stone-Weierstrass Theorem. Lebesque measure and integration on R^n. Convergence theorems, Fubinis Theorem. Lp spaces. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 4320 or MTH 6320 QTR PREREQ: Graduate level MTH 730 QTR EQUIV: MTH 731

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
518 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH732 - Real Analysis II **STUDENT REC TITLE:** Real Analysis II **EFFECTIVE:** Winter 2010 **COURSE DESC:** LP spaces and their bounded linear functionals. Banach spaces, Hahn-Banach theorem, and closed-graph theorem. Hilbert space, Riesz representation theorem, orthonormal bases, and general measure spaces. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 731 QTR EQUIV: MTH 732
	VERSION: REV **COURSE:** MTH7320 - Real Analysis II **STUDENT REC TITLE:** Real Analysis II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Hilbert spaces, Riesz representation theorem, orthonormal bases. Banach spaces, dual spaces, weak convergence. Bounded linear operators, adjoint operators, compact operators. Applications. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 7310 QTR PREREQ: Graduate level MTH 731 QTR EQUIV: MTH 732

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
5014 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 9/13/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** REV **COURSE:** MTH7370 - Complex Analysis **STUDENT REC TITLE:** Complex Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analytic functions, Cauchy-Riemann equations, Cauchy integral formula, Calculus of residues, Harmonic functions, Taylor series, Laurent series, Riemann Mapping Theorem **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: MTH 4320 or MTH 6320

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FORM	COURSE INFORMATION
524 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH751 - Algebra I **STUDENT REC TITLE:** Algebra I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Group theory-isomorphism theorems, Jordan-Holder theorem, permutation groups, Sylow theorems, finitely generated Abelian groups, and free groups. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 355 and MTH 452 QTR EQUIV: MTH 752
	VERSION: CURR **COURSE:** MTH752 - Algebra II **STUDENT REC TITLE:** Algebra II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Ring theory-polynomial rings, unique factorization, radicals, and Wedderburn-Artin structure theory. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 355 and MTH 452 QTR EQUIV: MTH 752
	VERSION: REV **COURSE:** MTH7510 - Algebra I **STUDENT REC TITLE:** Algebra I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Groups: isomorphism theorems, Jordan-Holder theorem, permutation groups, Sylow theorems, finitely generated Abelian groups, and free groups. Rings and Modules: homomorphisms, ideals, principal ideal domains, the Euclidean algorithm, unique factorization, radicals. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 4520 or MTH 6520 QTR PREREQ: MTH 355 and MTH 452 QTR EQUIV: MTH 752

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FORM	COURSE INFORMATION
526 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH752 - Algebra II **STUDENT REC TITLE:** Algebra II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Ring theory-polynomial rings, unique factorization, radicals, and Wedderburn-Artin structure theory. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 751 QTR EQUIV: MTH 753
	VERSION: CURR **COURSE:** MTH753 - Algebra III **STUDENT REC TITLE:** Algebra III **EFFECTIVE:** Winter 2010 **COURSE DESC:** Field theory-simple extensions, Galois theory, solvability by radicals, cyclotomy, finite fields, and Wedderburn's theorem. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 751 QTR EQUIV: MTH 753
	VERSION: REV **COURSE:** MTH7520 - Algebra II **STUDENT REC TITLE:** Algebra II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Rings and modules: Noetherian rings and modules, Artinian rings and modules, and Wedderburn-Artin structure theory. Field theory-simple extensions, Galois theory, solvability by radicals, cyclotomy, finite fields, and Wedderburn's theorem. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 7510 QTR PREREQ: Graduate level MTH 751 QTR EQUIV: MTH 753

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FORM	COURSE INFORMATION
533 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH771 - Topology **STUDENT REC TITLE:** Topology **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 632 QTR EQUIV: MTH 771
	VERSION: REV **COURSE:** MTH7710 - Topology **STUDENT REC TITLE:** Topology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topological spaces, continuous maps, open and closed maps, Connectedness, Separation Axioms, Convergence, Compactness, Homotopy, Basic concepts of algebraic topology. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 4320 or MTH 6320 QTR PREREQ: Graduate level MTH 632 QTR EQUIV: MTH 771

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
564 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** MTH777 - Applied Analysis I **STUDENT REC TITLE:** Applied Analysis I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Function spaces, differential and integral equations, fixed point theorems, Hilbert spaces, compact operators, eigenvalues, eigenfunction expansions, and Sturm-Liouville problems. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 730 QTR EQUIV: MTH 778
	VERSION: CURR **COURSE:** MTH778 - Applied Analysis II **STUDENT REC TITLE:** Applied Analysis II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Inverse operators, fixed-point theorems, compactness, variational methods, and functional analysis of numerical methods. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level MTH 730 QTR EQUIV: MTH 778
	VERSION: REV **COURSE:** MTH7770 - Applied Analysis **STUDENT REC TITLE:** Applied Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fixed point theorems and applications, Banach and Hilbert spaces and applications, compact operators, eigenvalues, eigenfunction expansions, Sturm-Liouville problems, inverse operators, variational methods, and basic approximate methods in analysis. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 7310 QTR PREREQ: Graduate level MTH 730 QTR EQUIV: MTH 778

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
541 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 5/3/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH792 - Special Problems **STUDENT REC TITLE:** Special Problems **EFFECTIVE:** Winter 2010 **COURSE DESC:** Titles vary. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 792
	VERSION: REV **COURSE:** MTH7920 - Special Problems **STUDENT REC TITLE:** Special Problems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines a specific problem in advanced mathematics. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 792

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7724 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 4/14/11 **APPROVED:** 5/4/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH799 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Selected topics in mathematics. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 799
	VERSION: REV **COURSE:** MTH7990 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics in mathematics. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
546 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH800 - Grad Seminar **STUDENT REC TITLE:** Grad Seminar **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 800
	VERSION: REV **COURSE:** MTH8000 - Graduate Seminar **STUDENT REC TITLE:** Graduate Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar on selected advanced topics in mathematics. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 800

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
549 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH830 - Topics in Analysis-Mod Fndtns **STUDENT REC TITLE:** Topics in Analysis-Mod Fndtns **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 830
	VERSION: REV **COURSE:** MTH8300 - Topics in Analysis **STUDENT REC TITLE:** Topics in Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected advanced topic or topics in analysis. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 830

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
550 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH850 - Topics in Algebra **STUDENT REC TITLE:** Topics in Algebra **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 850
	VERSION: REV **COURSE:** MTH8500 - Topics in Algebra **STUDENT REC TITLE:** Topics in Algebra **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected advanced topic or topics in algebra. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 850

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
551 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH870 - Topics in Geometry **STUDENT REC TITLE:** Topics in Geometry **EFFECTIVE:** Winter 2010 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 870
	VERSION: REV **COURSE:** MTH8700 - Topics in Geometry **STUDENT REC TITLE:** Topics in Geometry **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected advanced topic or topics in Geometry. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 870

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
552 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/24/09 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** MTH899 - Graduate Research **STUDENT REC TITLE:** Graduate Research **EFFECTIVE:** Winter 2010 **COURSE DESC:** Titles vary. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 899
	VERSION: REV **COURSE:** MTH8990 - Graduate Research **STUDENT REC TITLE:** Graduate Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research on a selected topic in mathematics. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MTH 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2715 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/10/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** MUA710 - Applied Music **STUDENT REC TITLE:** Applied Music **EFFECTIVE:** Spring 2010 **COURSE DESC:** Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUA 710
	VERSION: REV **COURSE:** MUA7100 - Applied Music **STUDENT REC TITLE:** Applied Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Open only to Graduate Students. All students must have auditioned for and have received departmental approval before registering for applied music. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUA 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2716 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/10/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUA720 - Applied Music **STUDENT REC TITLE:** Applied Music **EFFECTIVE:** Spring 2010 **COURSE DESC:** Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUA 720
	VERSION: REV **COURSE:** MUA7200 - Applied Music **STUDENT REC TITLE:** Applied Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Open only to Graduate Students. All students must have auditioned for and have received departmental approval before registering for applied music. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUA 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2717 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/10/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** MUA740 - Applied Music **STUDENT REC TITLE:** Applied Music **EFFECTIVE:** Spring 2010 **COURSE DESC:** Open only to music majors or minors. All students must have auditioned for and have received departmental approval before registering for applied music. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUA 740
	VERSION: REV **COURSE:** MUA7400 - Applied Music **STUDENT REC TITLE:** Applied Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Open only to Graduate Students. All students must have auditioned for and have received departmental approval before registering for applied music. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUA 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
843 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE605 - Chamber Music **STUDENT REC TITLE:** Chamber Music **EFFECTIVE:** Winter 2010 **COURSE DESC:** Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 605
	VERSION: REV **COURSE:** MUE6050 - Chamber Music **STUDENT REC TITLE:** Chamber Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Small chamber ensembles of varying instrumentation. Audition required **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Studies in Music. Audition Required. XLIST: MUE 4050, MUE 2050 QTR EQUIV: MUE 605

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
844 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE644 - University Brass Choir **STUDENT REC TITLE:** University Brass Choir **EFFECTIVE:** Winter 2010 **COURSE DESC:** A performance-oriented group which provides students with chamber brass music experience. Students learn elements of ensemble execution, professionalism, brass music history, orchestral styles, and sound production. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 644
	VERSION: REV **COURSE:** MUE6440 - University Brass Choir **STUDENT REC TITLE:** University Brass Choir **EFFECTIVE:** Fall 2012 **COURSE DESC:** A performance-oriented group which provides students with chamber brass music experience. Students learn elements of ensemble execution, professionalism, brass music history, orchestral styles, and sound production. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Studies in Music. Audition Required XLIST: MUE 2440, MUE 4440 QTR EQUIV: MUE 644

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7552 **STATUS:** Complete **CREATOR:** Linda Caron **CREATED:** 3/2/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** MUE645 - Collegium Musicum **STUDENT REC TITLE:** Collegium Musicum **EFFECTIVE:** Spring 2011 **COURSE DESC:** Collegium Musicum is the generic term for an instrumental and vocal ensemble devoted to the study and performance of early music, that was written before 1750. One period (Medieval, Renaissance, Baroque) will be emphasized each quarter. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR PREREQ: MUS 121 and MUS 151 QTR EQUIV: MUE 645
	VERSION: REV **COURSE:** MUE6450 - Collegium Musicum **STUDENT REC TITLE:** Collegium Musicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Collegium Musicum is the generic term for an instrumental and vocal ensemble devoted to the study and performance of early music written before 1750. One period (Medieval, Renaissance, Baroque) will be emphasized each term. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music XLIST: MUE 4450 QTR PREREQ: MUS 121 and MUS 151 QTR EQUIV: MUE 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7556 **STATUS:** Complete **CREATOR:** Linda Caron **CREATED:** 3/2/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** MUE646 - University Saxophone Quartet **STUDENT REC TITLE:** University Saxophone Quartet **EFFECTIVE:** Spring 2011 **COURSE DESC:** Performs saxophone quartet repertoire ranging from classic to jazz to contemporary. Audition and course instructor permission required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 646
	VERSION: REV **COURSE:** MUE6460 - University Saxophone Quartet **STUDENT REC TITLE:** Univ Saxophone Quartet **EFFECTIVE:** Fall 2012 **COURSE DESC:** Performs saxophone quartet repertoire ranging from classic to jazz to contemporary. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music COREQ: MUE 4460 QTR EQUIV: MUE 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
847 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE648 - University Clarinet Choir **STUDENT REC TITLE:** University Clarinet Choir **EFFECTIVE:** Winter 2010 **COURSE DESC:** Performs music of all time periods and styles originally composed for this instrumentation as well as transcriptions of masterworks. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 648
	VERSION: REV **COURSE:** MUE6480 - University Clarinet Choir **STUDENT REC TITLE:** Univ Clarinet Choir **EFFECTIVE:** Fall 2012 **COURSE DESC:** Performs music of all time periods and styles originally composed for this instrumentation as well as transcriptions of masterworks. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Studies in Music. XLIST: MUE 4480, MUE 2480 QTR EQUIV: MUE 648

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
848 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE649 - Chamber Players **STUDENT REC TITLE:** Chamber Players **EFFECTIVE:** Winter 2010 **COURSE DESC:** Exploration of performance repertoire composed expressly for small wind ensemble. Works by such composers as Mozart, Strauss, Dvorak, Beethoven, and Stravinsky. Consent of conductor and student's applied instructor required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 649
	VERSION: REV **COURSE:** MUE6490 - Chamber Players **STUDENT REC TITLE:** Chamber Players **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration and performance of compositions for small wind ensemble (usually 8 to 16 players). Typical repertoire may include works by Gabrieli, Mozart, Beethoven, Schubert, Dvorak, Strauss, or others. The ensemble functions according to a player pool concept, utilizing instrumental forces as needed for various works. Audition and instructor permission required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Studies in Music. Audition and instructor permission required. XLIST: MUE 2490, MUE 4490 QTR EQUIV: MUE 649

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
849 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** REV **COURSE:** MUE6500 - Symphonic Band **STUDENT REC TITLE:** Symphonic Band **EFFECTIVE:** Fall 2012 **COURSE DESC:** Performs band music of all styles. Open to all students, each semester, with intermediate to advanced experience. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Audition required. XLIST: MUE 2500, MUE 4500

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7557 **STATUS:** Complete **CREATOR:** Linda Caron **CREATED:** 3/2/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** MUE666 - Concert Band **STUDENT REC TITLE:** Concert Band **EFFECTIVE:** Spring 2011 **COURSE DESC:** Performs band music of all styles. Open to all students without audition. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 666
	VERSION: REV **COURSE:** MUE6660 - Concert Band **STUDENT REC TITLE:** Concert Band **EFFECTIVE:** Fall 2012 **COURSE DESC:** Performs band music of all styles. Open to all students without audition. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. COREQ: MUE 4660 QTR EQUIV: MUE 666

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
851 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE667 - Pep Band **STUDENT REC TITLE:** Pep Band **EFFECTIVE:** Winter 2010 **COURSE DESC:** Performs jazz, rock, and contemporary music at all home basketball games and for other campus activities. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 667
	VERSION: REV **COURSE:** MUE6670 - Pep Band **STUDENT REC TITLE:** Pep Band **EFFECTIVE:** Fall 2012 **COURSE DESC:** Performs jazz, rock, and contemporary music at all home basketball games and for other campus activities. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Studies. Audition Required. XLIST: MUE 2670, MUE 4670 QTR EQUIV: MUE 667

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
852 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE668 - Jazz Band **STUDENT REC TITLE:** Jazz Band **EFFECTIVE:** Winter 2010 **COURSE DESC:** A jazz performance-oriented group. Students learn elements of ensemble execution, professionalism, jazz history, jazz styles, and jazz improvisation. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music
	VERSION: REV **COURSE:** MUE6680 - Jazz Band **STUDENT REC TITLE:** Jazz Band **EFFECTIVE:** Fall 2012 **COURSE DESC:** A jazz performance-oriented group. Students learn elements of ensemble execution, professionalism, jazz history, jazz styles, and jazz improvisation. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: MUE 2680, MUE 4680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
853 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE669 - Wind Symphony **STUDENT REC TITLE:** Wind Symphony **EFFECTIVE:** Winter 2010 **COURSE DESC:** Performs original compositions and transcriptions for band and wind ensembles. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 669
	VERSION: REV **COURSE:** MUE6690 - Wind Symphony **STUDENT REC TITLE:** Wind Symphony **EFFECTIVE:** Fall 2012 **COURSE DESC:** The universitys most select symphonic band organization, this ensemble performs compositions ranging from traditional classics to innovative contemporary literature, including transcriptions and original works. Audition and instructor permission required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Studies. Audition and instructor permission required. XLIST: MUE 2690, MUE 4690 QTR EQUIV: MUE 669

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
854 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE670 - University Symphony Orchestra **STUDENT REC TITLE:** University Symphony Orchestra **EFFECTIVE:** Winter 2010 **COURSE DESC:** Performs orchestral music of all styles and periods. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 670
	VERSION: REV **COURSE:** MUE6700 - University Symphony Orchestra **STUDENT REC TITLE:** Univ Symphony Orchestra **EFFECTIVE:** Fall 2012 **COURSE DESC:** Performs orchestral music of all styles and periods. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Study. XLIST: MUE 2700, MUE 4700 QTR EQUIV: MUE 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
855 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE677 - Chamber Orchestra **STUDENT REC TITLE:** Chamber Orchestra **EFFECTIVE:** Winter 2010 **COURSE DESC:** Instrumental ensemble, consisting primarily of strings and varying combinations of wind and percussion instruments, devoted to the study and performance of music written for that medium. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 677
	VERSION: REV **COURSE:** MUE6770 - Chamber Orchestra **STUDENT REC TITLE:** Chamber Orchestra **EFFECTIVE:** Fall 2012 **COURSE DESC:** Instrumental ensemble, consisting primarily of strings and varying combinations of wind and percussion instruments, devoted to the study and performance of music written for that medium. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Study XLIST: MUE 4770, MUE 2770 QTR EQUIV: MUE 677

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
856 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE690 - University Chorus **STUDENT REC TITLE:** University Chorus **EFFECTIVE:** Winter 2010 **COURSE DESC:** Development of choral and vocal skills. Choral literature from a wide range of historical and compositional styles. No audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUE 690
	VERSION: REV **COURSE:** MUE6900 - University Chorus **STUDENT REC TITLE:** University Chorus **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of choral and vocal skills. Choral literature from a wide range of historical and compositional styles. No audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Study. XLIST: MUE 4900, MUE 2900 QTR EQUIV: MUE 690

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
857 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE692 - Vocal Jazz Ensemble **STUDENT REC TITLE:** Vocal Jazz Ensemble **EFFECTIVE:** Winter 2010 **COURSE DESC:** Development of performance skills in vocal jazz. Emphasis on jazz style and techniques, improvisation, and jazz theory. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 692
	VERSION: REV **COURSE:** MUE6920 - Vocal Jazz Ensemble **STUDENT REC TITLE:** Vocal Jazz Ensemble **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of performance skills in vocal jazz. Emphasis on jazz style and techniques, improvisation, and jazz theory. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Study. Audition required. XLIST: MUE 2920, MUE 4920 QTR EQUIV: MUE 692

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
858 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE693 - University Men's Chorale **STUDENT REC TITLE:** University Men's Chorale **EFFECTIVE:** Winter 2010 **COURSE DESC:** Development of advanced choral and vocal skills. Emphasis on advanced choral literature from a wide range of historical and compositional styles. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 693
	VERSION: REV **COURSE:** MUE6930 - University Men's Chorale **STUDENT REC TITLE:** University Men's Chorale **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of advanced choral and vocal skills. Emphasis on advanced choral literature from a wide range of historical and compositional styles. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Study. Audition required. XLIST: MUE 2930, MUE 4930 QTR EQUIV: MUE 693

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
859 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE694 - University Women's Chorale **STUDENT REC TITLE:** University Women's Chorale **EFFECTIVE:** Winter 2010 **COURSE DESC:** Development of advanced choral and vocal skills. Emphasis on advanced choral literature from a wide range of historical and compositional styles. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 694
	VERSION: REV **COURSE:** MUE6940 - University Women's Chorale **STUDENT REC TITLE:** Univ Women's Chorale **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of advanced choral and vocal skills. Emphasis on advanced choral literature from a wide range of historical and compositional styles. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in Graduate Study. Audition required. XLIST: MUE 2940, MUE 4940 QTR EQUIV: MUE 694

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
860 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE695 - Chamber Singers **STUDENT REC TITLE:** Chamber Singers **EFFECTIVE:** Winter 2010 **COURSE DESC:** Development of advanced choral and vocal skills. Emphasis on advanced vocal chamber literature from 15th through 20th centuries. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUE 695
	VERSION: REV **COURSE:** MUE6950 - Chamber Singers **STUDENT REC TITLE:** Chamber Singers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of advanced choral and vocal skills. Emphasis on advanced vocal chamber literature from 15th through 20th centuries. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Study XLIST: MUE 4950, MUE 2950 QTR EQUIV: MUE 695

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
7558 **STATUS:** Complete **CREATOR:** Linda Caron **CREATED:** 3/2/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** MUE697 - Paul Laurence Dunbar Chorale **STUDENT REC TITLE:** Paul Laurence Dunbar Chorale **EFFECTIVE:** Spring 2011 **COURSE DESC:** A choral ensemble for students who desire to explore the musical style of gospel music and its roots and various forms. Includes performances of a body of literature associated with the African American church to the university and surrounding communities. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUE 697
	VERSION: REV **COURSE:** MUE6970 - Paul Laurence Dunbar Chorale **STUDENT REC TITLE:** Paul L Dunbar Chorale **EFFECTIVE:** Fall 2012 **COURSE DESC:** A choral ensemble for students who desire to explore the musical style of gospel music and its roots and various forms. Includes performances of a body of literature associated with the African American church to the university and surrounding communities. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate COREQ: MUE 4970 QTR EQUIV: MUE 697

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2718 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/10/10 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** MUE699 - Collegiate Chorale **STUDENT REC TITLE:** Collegiate Chorale **EFFECTIVE:** Winter 2010 **COURSE DESC:** Development of choral and vocal skills. Emphasis on aadvanced choral concert repertoire representing a wide range of historical and compositional styles. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUE 699
	VERSION: REV **COURSE:** MUE6990 - Collegiate Chorale **STUDENT REC TITLE:** Collegiate Chorale **EFFECTIVE:** Fall 2012 **COURSE DESC:** Development of choral and vocal skills. Emphasis on advanced choral concert repertoire representing a wide range of historical and compositional styles. Audition required. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in Graduate Study. Audition required. XLIST: MUE 2990, MUE 4990 QTR EQUIV: MUE 699

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2908 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS601 - Intro-Graduate Studies-Music **STUDENT REC TITLE:** Intro-Graduate Studies-Music **EFFECTIVE:** Spring 2010 **COURSE DESC:** Methods of investigation in music; use of music bibliography; problems of collecting and evaluating information; and reporting of findings. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 601
	VERSION: REV **COURSE:** MUS6010 - Intro-Graduate Studies-Music **STUDENT REC TITLE:** Intro Grad Studies-Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Methods of scholarly investigation in music history, theory, and education; music bibliography; emphasis on individual projects and reports. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. XLIST: MUS 4140 QTR EQUIV: MUS 601

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2909 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS602 - Introduction to Research in Music Education **STUDENT REC TITLE:** Intro Res In Music Ed **EFFECTIVE:** Spring 2010 **COURSE DESC:** Class studies and individual projects. Reading, research, discussion and reports; interpretation of contemporary research **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate May not be enrolled in one of the following Majors: Music QTR EQUIV: MUS 602
	VERSION: REV **COURSE:** MUS6020 - Introduction to Research in Music Education **STUDENT REC TITLE:** Intro Res In Music Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** A comprehensive introduction to research in Music Education and its value and contribution to the development of historical data, pedagogy, ethnographic research and understanding of contemporary issues in music instruction and performance. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. May not be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2910 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS616 - Piano Pedagogy I **STUDENT REC TITLE:** Piano Pedagogy I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Overview of the teaching and learning process. Study of methods and materials for use with students of various age groups during their early years of piano studies. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Music QTR PREREQ: MUS 203 and MUS 253 QTR EQUIV: MUS 616
	VERSION: REV **COURSE:** MUS6160 - Piano Pedagogy **STUDENT REC TITLE:** Piano Pedagogy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Class offers a historical overview of keyboard pedagogy and examines anthologies, collections, and studies written for piano students at various performance levels. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. SEM PREREQ: MUS 2020 and MUS 2520 XLIST: MUS 4160 QTR PREREQ: MUS 203 and MUS 253 QTR EQUIV: MUS 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2911 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS650 - Opera Production and Coaching **STUDENT REC TITLE:** Opera Production and Coaching **EFFECTIVE:** Spring 2010 **COURSE DESC:** Production of opera; public performance and individual coaching. For advanced singers. At the discretion of the instructor course requirements may include participation in Dayton Opera productions. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 650
	VERSION: REV **COURSE:** MUS6200 - Opera Production and Coaching **STUDENT REC TITLE:** Opera Prod and Coaching **EFFECTIVE:** Fall 2012 **COURSE DESC:** Production of opera; public performance and individual coaching. For advanced singers. At the discretion of the instructor course requirements may include participation in Dayton Opera productions. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. XLIST: MUS 4200 QTR EQUIV: MUS 650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2912 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS636 - Counterpoint **STUDENT REC TITLE:** Counterpoint **EFFECTIVE:** Spring 2010 **COURSE DESC:** Analytical study of representative compositions of the twentieth century.Study of contrapuntal techniques with practical application in writing and analysis. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 636
	VERSION: REV **COURSE:** MUS6360 - Counterpoint **STUDENT REC TITLE:** Counterpoint **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to contrapuntal techniques. Exercises in species counterpoint, imitation and fugal devices. Analysis of examples from Renaissance to the 20th century. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. XLIST: MUS 4360 QTR EQUIV: MUS 636

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2913 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS643 - Vocal Pedagogy I **STUDENT REC TITLE:** Vocal Pedagogy I **EFFECTIVE:** Spring 2010 **COURSE DESC:** The purpose of this course is to make the students familiar with the physiological and psychological aspects of the voice so they will better understand their own instrument and be better equipped to teach each others. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MUS 243 or MUA 223 QTR EQUIV: MUS 643
	VERSION: REV **COURSE:** MUS6430 - Vocal Pedagogy **STUDENT REC TITLE:** Vocal Pedagogy **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is designed to make students familiar with physiological and psychological aspects of voice so they will better understand their own instruments and will be better equipped to teach others. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: MUS 4430 QTR PREREQ: MUS 243 or MUA 223 QTR EQUIV: MUS 643

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3129 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 5/9/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS646 - Medieval and Renaissance Music **STUDENT REC TITLE:** Medieval and Renaissance Music **EFFECTIVE:** Fall 2010 **COURSE DESC:** Includes critical analysis of representative works from major composers. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR PREREQ: MUS 203 and MUS 313 QTR EQUIV: MUS 646
	VERSION: REV **COURSE:** MUS6460 - Medieval & Renaissance Music **STUDENT REC TITLE:** Medieval & Renaissance **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of music and critical analysis of representative works from major composers of Medieval and Renaissance music. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. SEM PREREQ: MUS 2020 and MUS 3120 XLIST: MUS 4460 QTR PREREQ: MUS 203 and MUS 313 QTR EQUIV: MUS 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3131 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 5/9/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS647 - Baroque Music **STUDENT REC TITLE:** Baroque Music **EFFECTIVE:** Fall 2010 **COURSE DESC:** Includes critical analysis of representative works from major composers. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR PREREQ: MUS 203 and MUS 313 QTR EQUIV: MUS 647
	VERSION: REV **COURSE:** MUS6470 - Baroque Music **STUDENT REC TITLE:** Baroque Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of music and critical analysis of representative works from major composers of the Baroque period. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. SEM PREREQ: MUS 2020 and MUS 3120 XLIST: MUS 4470 QTR PREREQ: MUS 203 and MUS 313 QTR EQUIV: MUS 647

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3133 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 5/9/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS648 - Classic & Romantic Music **STUDENT REC TITLE:** Classic & Romantic Music **EFFECTIVE:** Fall 2010 **COURSE DESC:** Includes critical analysis of representative works from major composers. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR PREREQ: MUS 203 and MUS 313 QTR EQUIV: MUS 648
	VERSION: REV **COURSE:** MUS6480 - Classic & Romantic Music **STUDENT REC TITLE:** Classic & Romantic Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of music and critical analysis of representative works from major composers of Classical and Romantic music. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. SEM PREREQ: MUS 2020 and MUS 3120 XLIST: MUS 4480 QTR PREREQ: MUS 203 and MUS 313 QTR EQUIV: MUS 648

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3135 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 5/9/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS649 - Music Since 1900 **STUDENT REC TITLE:** Music Since 1900 **EFFECTIVE:** Fall 2010 **COURSE DESC:** Includes critical analysis of representative works from major composers. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR PREREQ: MUS 203 and MUS 313 QTR EQUIV: MUS 649
	VERSION: REV **COURSE:** MUS6490 - Music Since 1900 **STUDENT REC TITLE:** Music Since 1900 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of music and critical analysis of representative works from major composers of music written after 1900. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. SEM PREREQ: MUS 2020 and MUS 3120 XLIST: MUS 4490 QTR PREREQ: MUS 203 and MUS 313 QTR EQUIV: MUS 649

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2915 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS651 - Piano Literature **STUDENT REC TITLE:** Piano Literature **EFFECTIVE:** Spring 2010 **COURSE DESC:** Historical survey of music for piano from origins in clavichord and harpsichord in the Renaissance through the twentieth century. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 651
	VERSION: REV **COURSE:** MUS6510 - Piano Literature I **STUDENT REC TITLE:** Piano Literature I **EFFECTIVE:** Fall 2012 **COURSE DESC:** A survey of the literature of the piano and its predecessors--clavichord, harpsichord, and the pianoforte--from early English Virginal Music to the present time. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. XLIST: MUS 4510 QTR EQUIV: MUS 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2914 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS652 - Piano Literature **STUDENT REC TITLE:** Piano Literature **EFFECTIVE:** Spring 2010 **COURSE DESC:** Historical survey of music for piano from origins in clavichord and harpsichord in the Renaissance through the twentieth century. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 652
	VERSION: REV **COURSE:** MUS6520 - Piano Literature II **STUDENT REC TITLE:** Piano Literature II **EFFECTIVE:** Fall 2012 **COURSE DESC:** A survey of the literature of the piano and its predecessors--clavichord, harpsichord, and the pianoforte--from early English Virginal music to the present time. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. XLIST: MUS 4520 QTR EQUIV: MUS 652

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3139 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 5/9/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS655 - Vocal Literature I **STUDENT REC TITLE:** Vocal Literature I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Survey of vocal literature from the 18th through the 20th century emphasizing German Lieder, French melodie, English and American art song, opera, and oratorio. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MUS 313 QTR EQUIV: MUS 655
	VERSION: REV **COURSE:** MUS6550 - Vocal Literature I **STUDENT REC TITLE:** Vocal Literature I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of vocal literature from the 18th through the 20th century emphasizing German lieder, French melodie, English and American art songs. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following majors: Music. SEM PREREQ: MUS 3120 XLIST: MUS 4550 QTR PREREQ: MUS 313 QTR EQUIV: MUS 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8697 **STATUS:** Process **CREATOR:** Randall Paul **CREATED:** 3/20/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** CURR **COURSE:** MUS6550 - Vocal Literature I **STUDENT REC TITLE:** Vocal Literature I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of vocal literature from the 18th through the 20th century emphasizing German lieder, French melodie, English and American art songs. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: MUS 655
	VERSION: REV **COURSE:** MUS6550 - Vocal Literature I **STUDENT REC TITLE:** Vocal Literature I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of vocal literature from the 18th through the 20th century emphasizing German lieder, French melodie, English and American art songs. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate XLIST: MUS 4550 QTR EQUIV: MUS 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3140 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 5/9/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS656 - Vocal Literature II **STUDENT REC TITLE:** Vocal Literature II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Survey of vocal literature from the 18th through the 20th century emphasizing German Lieder, French melodie, English and American art song, opera, and oratorio. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: MUS 656
	VERSION: REV **COURSE:** MUS6560 - Vocal Literature II **STUDENT REC TITLE:** Vocal Literature II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of vocal literature from the 18th through the 20th century emphasizing opera, and oratorio. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following majors: Music. SEM PREREQ: MUS 6550 XLIST: MUS 4560 QTR EQUIV: MUS 656

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8699 **STATUS:** Process **CREATOR:** Randall Paul **CREATED:** 3/20/12 **APPROVED:** 4/9/12 WorkFlow	**VERSION:** CURR **COURSE:** MUS6560 - Vocal Literature II **STUDENT REC TITLE:** Vocal Literature II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of vocal literature from the 18th through the 20th century emphasizing opera, and oratorio. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: MUS 656
	VERSION: REV **COURSE:** MUS6560 - Vocal Literature II **STUDENT REC TITLE:** Vocal Literature II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of vocal literature from the 18th through the 20th century emphasizing opera, and oratorio. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 99 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate XLIST: MUS 4560 QTR EQUIV: MUS 656

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2916 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS665 - Computer Applications in Music **STUDENT REC TITLE:** Computer Applications in Music **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 665
	VERSION: REV **COURSE:** MUS6650 - Computer Applications in Music **STUDENT REC TITLE:** Computer App in Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of computer technology and music software applications. Emphasis is placed upon using MIDI for electronic score notation, sequencing, and basic courseware design. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. XLIST: MUS 4650 QTR EQUIV: MUS 665

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3141 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 5/9/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS680 - Workshops in Music **STUDENT REC TITLE:** Workshops in Music **EFFECTIVE:** Fall 2010 **COURSE DESC:** Selected topics or problems in music, or special areas of music teaching. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 680
	VERSION: REV **COURSE:** MUS6800 - Workshops in Music **STUDENT REC TITLE:** Workshops in Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics or problems in music, or special areas of music teaching. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4416 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 8/9/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS681 - Adv Studies in Special Subject **STUDENT REC TITLE:** Adv Studies in Special Subject **EFFECTIVE:** Fall 2010 **COURSE DESC:** May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 681
	VERSION: REV **COURSE:** MUS6810 - Adv Studies in Special Subject **STUDENT REC TITLE:** Adv Studies in Spec Subj **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies in selected subjects. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study, Lecture/Lab Combination REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 681

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2917 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS704 - Foundations & Prin of Music Ed **STUDENT REC TITLE:** Foundations & Prin of Music Ed **EFFECTIVE:** Spring 2010 **COURSE DESC:** Historical, philosophical, and psychological foundations of music education. Principles applied to theoretical and practical problems of music education. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 704
	VERSION: REV **COURSE:** MUS7040 - Foundations & Prin of Music Ed **STUDENT REC TITLE:** Found & Prin of Mus Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical, philosophical, and psychological foundations of music education. Principles applied to theoretical and practical problems of music education. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 704

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3142 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 5/9/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS718 - Music and the Humanities **STUDENT REC TITLE:** Music and the Humanities **EFFECTIVE:** Fall 2010 **COURSE DESC:** Exploration of relationships between music and other arts. Consideration of works of art in terms of social, political, religious, economic, and philosophical implications; teaching the arts as a humanistic discipline. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 718
	VERSION: REV **COURSE:** MUS7180 - Music and the Humanities **STUDENT REC TITLE:** Music and the Humanities **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores relationships between music and the other arts, especially visual art and literature. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 718

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2918 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS733 - Analytical Techniques I **STUDENT REC TITLE:** Analytical Techniques I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Analytical study of representative compositions of the Middle Ages, Renaissance, and Baroque period. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 733
	VERSION: REV **COURSE:** MUS7330 - Analytical Techniques I **STUDENT REC TITLE:** Analytical Techniques I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presentation of materials to help students develop skills to analyze core works in the Western musical tradition from the early Medieval period through the early Classical period. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 733

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2919 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 4/25/10 **APPROVED:** 7/21/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS734 - Analytical Techniques II **STUDENT REC TITLE:** Analytical Techniques II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Analytical study of representative compositions of the Classical and Romantic periods. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 734
	VERSION: REV **COURSE:** MUS7340 - Analytical Techniques II **STUDENT REC TITLE:** Analytical Techniques II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analytical study of representative compositions of the Classical and Romantic periods. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 734

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4434 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 8/10/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS780 - Pedagogy **STUDENT REC TITLE:** Pedagogy **EFFECTIVE:** Fall 2010 **COURSE DESC:** Advanced course in techniques, practices, and materials for group and individual instruction. Musical styles and interpretation. Performance in instruments or voice. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 780
	VERSION: REV **COURSE:** MUS7800 - Graduate Pedagogy in Music **STUDENT REC TITLE:** Graduate Pedagogy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced course in techniques, practices, and materials for group and individual instruction. Musical styles and interpretation. Performance in instruments or voice. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 780

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4432 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 8/10/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2010 **COURSE DESC:** **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 789
	VERSION: REV **COURSE:** MUS7890 - Continuing Registration in Music **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Registration for graduate students to maintain graduate status while completing requirements other than required courses. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4433 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 8/10/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS799 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2010 **COURSE DESC:** **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 799
	VERSION: REV **COURSE:** MUS7995 - Performance Recital and Document in Music **STUDENT REC TITLE:** Perf. Document/Recital **EFFECTIVE:** Fall 2012 **COURSE DESC:** Work on the capstone experience in the Master of Music in Performance degree, and in the recital option of the Master of Music in Music Education degree. Includes preparation and performance of a performance recital and an accompanying scholarly document relating to research connected to the performance recital. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4435 **STATUS:** Complete **CREATOR:** Randall Paul **CREATED:** 8/10/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** MUS799 - Thesis **STUDENT REC TITLE:** Thesis **EFFECTIVE:** Fall 2010 **COURSE DESC:** **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Music QTR EQUIV: MUS 799
	VERSION: REV **COURSE:** MUS7990 - Thesis in Music **STUDENT REC TITLE:** Thesis in Music **EFFECTIVE:** Fall 2012 **COURSE DESC:** Scholarly document related to research connected to the student's area of specialty. Required by the Master's of Music degree in Music Education, Thesis Option. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Must be enrolled in one of the following Majors: Music. QTR EQUIV: MUS 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5047 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR740 - Nrsng Curriculum & Prog Dvlpmt **STUDENT REC TITLE:** Nrsng Curriculum & Prog Dvlpmt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis of learning theories and models of nursing curriculum design. Development and evaluation of nursing curriculum and educational programs. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: NUR 740
	VERSION: REV **COURSE:** NUR6101 - Nursing Curriculum Development **STUDENT REC TITLE:** Nsg Curr Devel **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of learning theories and models of nursing curriculum design. Development and evaluation of nursing curriculum and educational programs. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs of lecture per week QTR EQUIV: NUR 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5050 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR742 - Eval Strategies in Nursing Ed **STUDENT REC TITLE:** Eval Strategies in Nursing Ed **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examination and application of the art, principles, theories, models, and strategies of evaluation in nursing. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: NUR 742
	VERSION: REV **COURSE:** NUR6102 - Teaching and Evaluation Strategies in Nursing Education **STUDENT REC TITLE:** Tchng & Eval in Nsg Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination and application of the art, principles, theories, models, and strategies of teaching and evaluation in nursing education. Role of nurse educator in classroom and clinical is explored. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs lecture per week QTR EQUIV: NUR 742

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5051 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR743 - Practicum in Nursing Education **STUDENT REC TITLE:** Practicum in Nursing Education **EFFECTIVE:** Fall 2010 **COURSE DESC:** Observation, participation, and practice in teaching nursing concepts. Seminars synthesize previous learning with application to the role of the nurse educator. Clinical practicum required. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level NUR 742 Minimum Grade of C and Graduate level NUR 740 Minimum Grade of C and Graduate level NUR 741 Minimum Grade of C QTR EQUIV: NUR 743
	VERSION: REV **COURSE:** NUR6103 - Practicum in Nursing Education **STUDENT REC TITLE:** Practicum in Nsg Ed **EFFECTIVE:** Fall 2012 **COURSE DESC:** Observation, participation, and practice in teaching nursing concepts. Seminars synthesize previous learning with application to the role of the nurse educator. Clinical practicum required. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 4 hrs seminar per week and 112 total hrs clinical SEM PREREQ: NUR 6101, 6102 all with minimum grade of C QTR PREREQ: Graduate level NUR 742 Minimum Grade of C and Graduate level NUR 740 Minimum Grade of C and Graduate level NUR 741 Minimum Grade of C QTR EQUIV: NUR 743

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5091 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR614 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Special topics. For nursing majors only. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR EQUIV: NUR 614
	VERSION: REV **COURSE:** NUR6114 - Nursing Elective **STUDENT REC TITLE:** Nursing Elective **EFFECTIVE:** Fall 2012 **COURSE DESC:** Determined by the specific faculty offering the elective. The purpose of the graduate nursing elective is to offer undergraduate and graduate students opportunities to explore specific topics in greater depth. **COLLEGE:** College of Nursing & Health **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Admission to CONH and graduate standing or senior permission ADD INFO: Weekly hours varies QTR EQUIV: NUR 614

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5040 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR640 - School Nursing **STUDENT REC TITLE:** School Nursing **EFFECTIVE:** Fall 2010 **COURSE DESC:** Roles and responsibilities of school nurses. Care of child in schools. Art, principles and strategies of promoting health in schools. Emphasis on preparation to assume role of school nurse. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: NUR 640
	VERSION: REV **COURSE:** NUR6901 - School Nursing **STUDENT REC TITLE:** School Nursing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Roles and responsibilities of school nurses. Care of children in schools. Art, principles and strategies of promoting health in schools. Emphasis on preparation to assume role of school nurse. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** 2 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2-4 hrs lecture per week QTR EQUIV: NUR 640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5041 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR641 - Children with Special Needs **STUDENT REC TITLE:** Children with Special Needs **EFFECTIVE:** Fall 2010 **COURSE DESC:** Roles and responsibilities of the nurse in caring for children with special needs in the school setting. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: NUR 641
	VERSION: REV **COURSE:** NUR6902 - Children with Special Needs **STUDENT REC TITLE:** Chldrn with Specl Needs **EFFECTIVE:** Fall 2012 **COURSE DESC:** Roles and responsibilities of the nurse in caring for children with special needs in the school setting. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture per week QTR EQUIV: NUR 641

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5042 **STATUS:** Process **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR643 - School Nursing Practicum **STUDENT REC TITLE:** School Nursing Practicum **EFFECTIVE:** Fall 2010 **COURSE DESC:** Application of roles and responsibilities of school nurses in Ohio. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: NUR 643
	VERSION: REV **COURSE:** NUR6903 - School Nursing Practicum **STUDENT REC TITLE:** School Nursing Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of roles and responsibilities of school nurses in Ohio. **COLLEGE:** College of Nursing & Health **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to the School Nurse Licensure Program ADD INFO: 2 hrs seminar per week and 280 total clinical hours SEM PREREQ: NUR 6901 & NUR 6902 (all with a minimum of a C or better) QTR EQUIV: NUR 643

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4360 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 7/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR756 - Advanced Nursing Roles and Leadership **STUDENT REC TITLE:** Advcd Nsg Roles/Ldrshp **EFFECTIVE:** Fall 2010 **COURSE DESC:** Role development and leadership in health care systems with implications for nursing practice, administration and education. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: NUR 756
	VERSION: REV **COURSE:** NUR7001 - Role Development and Leadership **STUDENT REC TITLE:** Role Dev & Ldrshp **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on understanding and synthesizing concepts and theories that will facilitate professional role development and leadership in advanced nursing roles. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs per week lecture SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 756

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4358 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 7/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR755 - Informatics-Hlth Care Seminar **STUDENT REC TITLE:** Informatics-Hlth Care Seminar **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to trends and issues of informatics in health care with an emphasis on effective use of hardware and software in information technology. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 755
	VERSION: REV **COURSE:** NUR7002 - Information Technology in Health Care **STUDENT REC TITLE:** Info Tech in Hlth Care **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on the theoretical basis of nursing and health care informatics. The model of data, information and knowledge is used to explore the basis of nursing informatics within health care. Strategies are examined for dissemination, access, retrieval and evaluation of information for professionals and consumers of health care. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs. per week lecture SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 755

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4577 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/23/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR750 - Hlth Policy,Politics,& Issues **STUDENT REC TITLE:** Hlth Policy,Politics,& Issues **EFFECTIVE:** Fall 2010 **COURSE DESC:** Critical analysis of public policies and issues affecting nursing and health care delivery. Encompasses economic, political, social, technological, ethical, and legal influences on consumers and health care providers from a global perspective. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 750
	VERSION: REV **COURSE:** NUR7003 - Health Policy,Politics,and Issues **STUDENT REC TITLE:** Hlth Policy,and Politics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Critical analysis of public policies and issues affecting nursing and health care delivery. Encompasses economic, political, social, technological, ethical and legal influences on consumers and health care providers from a global perspective **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs per week lecture SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4364 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 7/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR708 - Theoretical Fndtns for Nursing **STUDENT REC TITLE:** Theoretical Fndtns for Nursing **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis of nursing and other selected concepts, models, and theories as related to nursing practice, administration, and education. Emphasis on development and application to nursing science. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 708
	VERSION: REV **COURSE:** NUR7004 - Theoretical Foundations for Nursing Practice **STUDENT REC TITLE:** Theoretical Fndatns Nsg **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of nursing and other selected concepts, models, and theories as related to nursing practice, administration, and education in development and application of nursing science **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs per week lecture SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 708

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2541 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 3/31/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** REV **COURSE:** NUR7005 - Nursing Research and Evidence for Practice **STUDENT REC TITLE:** Nur Res & Evid for Pract **EFFECTIVE:** Fall 2012 **COURSE DESC:** Critical analysis of the components, methodology, and state of the art of research for nursing to plan change for best practice **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: Combination of old NUR 707 Research Design and 788 Research Application. 4 hrs lecture per week. SEM PREREQ: NUR 7004 Minimum Grade of C QTR PREREQ: Graduate level NUR 707 Minimum Grade of C QTR EQUIV: NUR 788

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4366 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 7/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR798 - Supervised Exp in Nur Research **STUDENT REC TITLE:** Supervised Exp in Nur Research **EFFECTIVE:** Fall 2010 **COURSE DESC:** Guided exploration of research problem(s) under direct supervision of experienced researcher. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 707 Minimum Grade of C QTR EQUIV: NUR 798
	VERSION: REV **COURSE:** NUR7098 - Supervised Experience in Nursing Research **STUDENT REC TITLE:** Supervised Nsg Res Exp **EFFECTIVE:** Fall 2012 **COURSE DESC:** Guided exploration of research problem(s) under direct supervision of experience researcher **COLLEGE:** College of Nursing & Health **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor SEM PREREQ: NUR 7004, 7005 both with minimum grade of C QTR PREREQ: Graduate level NUR 707 Minimum Grade of C QTR EQUIV: NUR 798

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4367 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 7/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR799 - Thesis/Scholarly Prjct Advsmnt **STUDENT REC TITLE:** Thesis/Scholarly Prjct Advsmnt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Thesis or scholarly project. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 707 Minimum Grade of C and Graduate level NUR 708 Minimum Grade of C QTR EQUIV: NUR 799
	VERSION: REV **COURSE:** NUR7099 - Thesis/Scholarly Project Advising **STUDENT REC TITLE:** Thesis/Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Thesis or Scholarly Project **COLLEGE:** College of Nursing & Health **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 1-3 hours per week SEM PREREQ: NUR 7004, 7005 with minimum grade of C QTR PREREQ: Graduate level NUR 707 Minimum Grade of C and Graduate level NUR 708 Minimum Grade of C QTR EQUIV: NUR 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4544 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/19/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR761 - Advanced Pathophysiology **STUDENT REC TITLE:** Advanced Pathophysiology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines selected major physiological concepts associated with nursing diagnoses. Physiological concepts are integrated with diagnosis and treatment of human responses to health problems. Includes cardiovascular, pulmonary, renal, neurological, endocrine, reproductive, and gastrointestinal physiology. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 761
	VERSION: REV **COURSE:** NUR7102 - Advanced Pathophysiology Across the Lifespan for Advanced Nursing Practice **STUDENT REC TITLE:** Adv Path Across Lifespan **EFFECTIVE:** Fall 2012 **COURSE DESC:** An in-depth scientific knowledge base is explored relevant to selected pathophysiological states across the lifespan confronted by graduate nurses. This course provides a basis for the foundation of clinical decisions related to selected diagnostic tests and the initiation of therapeutic regimens. Pathophysiology is correlated to clinical diagnoses and management. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hours lecture per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 761

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4545 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/19/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR764 - Appl Pharm-Adv Practice Nurse **STUDENT REC TITLE:** Appl Pharm-Adv Practice Nurse **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focuses on prescriptive knowledge of pharmacologic agents used in treatment of common primary health care problems and stable chronic disease states. Emphasis on indications, mechanisms of action, drug interactions, side effects, and client education. **COLLEGE:** College of Nursing & Health **CRED HR:** 0.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 764
	VERSION: REV **COURSE:** NUR7103 - Applied Pharmacology and Therapeutics for Advanced Practice Across the Lifespan **STUDENT REC TITLE:** Applied Pharm Lifespan **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on prescriptive knowledge of pharmacologic agents used in treatment of common primary health care problems, stable chronic disease states and acute care diseases across the lifespan. Emphasis on indications, mechanisms of action, drug interactions, side effects, and client education. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs lecture per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 764

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4546 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/19/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR762 - Advanced Health Assessment **STUDENT REC TITLE:** Advanced Health Assessment **EFFECTIVE:** Fall 2010 **COURSE DESC:** Application of cognitive processes and psychomotor skills needed for comprehensive health assessment. Emphasis on health history; physical, developmental, and nutritional assessment; and identification of common client problems across the life span. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 762
	VERSION: REV **COURSE:** NUR7104 - Advanced Health Assessment Across the Life Span **STUDENT REC TITLE:** Adv Hlth Assmt Lifespan **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of cognitive processes and psychomotor skills needed for comprehensive health assessment. Emphasis is on health history; physical, developmental, and nutritional assessment; and identification of common client problems across the life span. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hr lecture and 2 hrs lab per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 762

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3948 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 6/22/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR763 - Principles of Epidemiology **STUDENT REC TITLE:** Principles of Epidemiology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Study of epidemiological concepts, principles, and methods with application to health and disease surveillance, investigation of disease outbreaks, and health planning. Critical analysis of published epidemiological research with regard to implications for clinical practice. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR EQUIV: NUR 763
	VERSION: REV **COURSE:** NUR7105 - Population Health **STUDENT REC TITLE:** Pop Hlth **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course synthesizes methods of population assessment and planning to construct population-appropriate interventions for health care delivery systems. The focus is on safe, quality, and culturally-appropriate advanced nurse practice activities to meet emerging world needs. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing or permission of instructor. ADD INFO: 3 hrs per week lecture. This course is a combination of NUR 751 and 763. QTR EQUIV: NUR 763

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4547 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/19/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR716 - Adv Practice of Family Nursing **STUDENT REC TITLE:** Adv Practice of Family Nursing **EFFECTIVE:** Fall 2010 **COURSE DESC:** Family science and nursing theories are used as frameworks to assess and analyze family functioning including health promotion and risk identification of families experiencing health issues. Therapeutic interventions are discussed including multidisciplinary approaches. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 716
	VERSION: REV **COURSE:** NUR7106 - Advanced Family Nursing **STUDENT REC TITLE:** Adv Fam Nsg **EFFECTIVE:** Fall 2012 **COURSE DESC:** Family science and nursing theories are used as frameworks to assess and analyze family functioning including health promotion and risk identification of families experiencing health issues. Therapeutic interventions are discussed including multi disciplinary approaches. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 716

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4548 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/19/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR714 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Advanced study of various topics. Titles vary. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 714
	VERSION: REV **COURSE:** NUR7114 - Nursing Elective **STUDENT REC TITLE:** Nursing Elective **EFFECTIVE:** Fall 2012 **COURSE DESC:** Determined by the specific faculty offering the elective. The purpose of the graduate nursing elective is to offer graduate students the opportunities that may include exploring specific topics in greater depth, experiencing different health systems around the world and developing new knowledge, skills and dispositions. **COLLEGE:** College of Nursing & Health **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: Hours per week varies SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 714

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4549 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/19/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR715 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2010 **COURSE DESC:** Faculty-directed, individualized study in topics selected by the students. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 715
	VERSION: REV **COURSE:** NUR7115 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study of selected topic with guidance from faculty **COLLEGE:** College of Nursing & Health **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: Hours per week varies SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 715

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4551 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/19/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR765 - Pathophys-Chdrn/Adoles-Nurses **STUDENT REC TITLE:** Pathophys-Chdrn/Adoles-Nurses **EFFECTIVE:** Fall 2010 **COURSE DESC:** Advanced study of physiologic systems and common pathologies for children/adolescents. Emphasis on knowledge for provision of nursing care for acute and chronic conditions, as well as disease prevention and health promotion. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 765
	VERSION: REV **COURSE:** NUR7122 - Pathophysiology of Children/Adolescents for Nurses **STUDENT REC TITLE:** Pathphys Child/Adol **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course presents focuses on the advanced study of the physiologic body systems of children/adolescents and pathologic conditions common in children/adolescents. Emphasis is on knowledge for the provision of advanced nursing care for acute and chronic conditions of childhood as well as care related to disease prevention and health promotion. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs lecture per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 765

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4552 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/19/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR769 - Applied Pharamacology for Pediatric APNs **STUDENT REC TITLE:** Pediatric Pharmacology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focuses on the prescriptive knowledge of pharmacologic agents used in the treatment of common pediatric health care problems with emphasis on indicated, mechanisms of action, drug interactions, side effects and parent and child education. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 769
	VERSION: REV **COURSE:** NUR7123 - Pediatric Pharmacology **STUDENT REC TITLE:** Pede Pharm **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the prescriptive knowledge of pharmacologic agents used in the treatment of common pediatric health care problems and stable chronic disease states of children. Emphasis will be placed on indications, mechanisms of action, drug interactions, side effects and parent and child **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs lecture per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 769

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4553 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/19/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR766 - Adv Hlth Assess of Chdrn/Adole **STUDENT REC TITLE:** Adv Hlth Assess of Chdrn/Adole **EFFECTIVE:** Fall 2010 **COURSE DESC:** Application of processes and skills for comprehensive health assessment of children/adolescents. Emphasis on health history, physical assessment of children and adolescents incorporating various instruments to assess growth and development issues. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 766
	VERSION: REV **COURSE:** NUR7124 - Advanced Health Assessment of Children and Adolescents **STUDENT REC TITLE:** Adv Hlth Assmt Child/Ado **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of cognitive processes and psychomotor skills needed for comprehensive health assessment of children and adolescents. Emphasis on health history, physical assessment of children and adolescents. Various instruments will be incorporated to assess growth and development issues. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture and 2 hrs lab per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 766

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4732 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR795 - Mgt of Acute&Emrg Hlth Prob I **STUDENT REC TITLE:** Mgt of Acute&Emrg Hlth Prob I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focus on complex symptom management in acute and emergent physiological alterations in systems. Health promotion, maintenance, and restoration emphasized. Advanced practice role development incorporated into the course through patient care management seminars, and practice. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 750 Minimum Grade of C and Graduate level NUR 751 Minimum Grade of C and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C and Graduate level NUR 764 Minimum Grade of C QTR EQUIV: NUR 795
	VERSION: REV **COURSE:** NUR7201 - Common Acute and Emergent Adult Health Problems I **STUDENT REC TITLE:** Acute Adult Hlth Prob I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focus is on complex symptom management related to acute and emergent physiological alterations in endocrine, gastrointestinal, genital urinary, hematological, immunological and neurological function. Health promotion, maintenance and restoration are emphasized with risk assessment and prevention. Pharmacological management of complex symptomatology and advanced role development are incorporated. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 4 hrs minimum seminar per week and 168 total clinical hours SEM PREREQ: NUR 7003, 7102, 7103, 7104, 7105, all with minimum grade of C QTR PREREQ: Graduate level NUR 750 Minimum Grade of C and Graduate level NUR 751 Minimum Grade of C and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C and Graduate level NUR 764 Minimum Grade of C QTR EQUIV: NUR 795

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4734 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR796 - Mgt of Acute&Emrg Hlth Prob II **STUDENT REC TITLE:** Mgt of Acute&Emrg Hlth Prob II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focus on complex symptom management in acute and emergent physiological alterations in systems. Health promotion, maintenance, and restoration emphasized. Advanced practice role development incorporated into the course through patient care management, seminars, and practice. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 795 Minimum Grade of C QTR EQUIV: NUR 796
	VERSION: REV **COURSE:** NUR7202 - Common Acute and Emergent Health Problems II **STUDENT REC TITLE:** Acute Adult Hlth Prob II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focus is on complex symptom management related to acute and emergent physiological alterations in endocrine, gastrointestinal, genital urinary, hematological, immunological and neurological function. Health promotion, maintenance and restoration are emphasized with risk assessment and prevention. The pharmacological management of complex symptomatology and advanced practice role development are incorporated. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hr minimum seminar per week and 224 total hrs clinical SEM PREREQ: NUR 7002, 7201 QTR PREREQ: Graduate level NUR 795 Minimum Grade of C QTR EQUIV: NUR 796

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4786 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR797 - Acte Cre Nrs Practitioner Prct **STUDENT REC TITLE:** Acte Cre Nrs Practitioner Prct **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focus on synthesis of theory and implementation of ACNP role. Experiences emphasize clinical decision-making in an interprofessional environment with focus on ACNP as principal provider of care for patients with acute, emergent health problems. **COLLEGE:** College of Nursing & Health **CRED HR:** 7 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 796 Minimum Grade of C QTR EQUIV: NUR 797
	VERSION: REV **COURSE:** NUR7203 - Acute Care Nurse Practitioner Practicum **STUDENT REC TITLE:** ACNP Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** The focus is on synthesis of theory and implementation of the role of the acute care nurse practitioner. Experiences emphasize clinical decision-making in an inter-professional environment with focus on the acute care practitioner as a principal provider of care for patients with acute or emergent health problems. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hr minimum seminar per week and 224 total hrs clinical SEM PREREQ: NUR 7001, 7002, 7202 all with minimum grade of C QTR PREREQ: Graduate level NUR 796 Minimum Grade of C QTR EQUIV: NUR 797

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FORM	COURSE INFORMATION
4758 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR767 - Adv Cncpts-Cardiovascular Nrsg **STUDENT REC TITLE:** Adv Cncpts-Cardiovascular Nrsg **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examination of physiological concepts, human responses, nursing assessments, and interventions related to actual and potential health problems in adults with cardiovascular alterations. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: NUR 767
	VERSION: REV **COURSE:** NUR7211 - Concepts in Cardiovascular Nursing **STUDENT REC TITLE:** Concpts in Cardiovas Nsg **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of physiological concepts, human responses, nursing assessments, and interventions related to actual and potential health problems in adults with cardiovascular alterations. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs lecture per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 767

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
4760 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR768 - 12 Lead EKG Interpretation **STUDENT REC TITLE:** 12 Lead EKG Interpretation **EFFECTIVE:** Fall 2010 **COURSE DESC:** The focus in on the interpretation and clinical significance of abnormalities of the 12 lead electrocardiogram. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: NUR 768
	VERSION: REV **COURSE:** NUR7212 - 12 Lead EKG Interpretation **STUDENT REC TITLE:** 12 Lead EKG Interp **EFFECTIVE:** Fall 2012 **COURSE DESC:** The interpretation and clinical significance of abnormalities of the twelve lead electrocardiogram. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 1 hr lecture per week SEM PREREQ: None QTR EQUIV: NUR 768

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
3902 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 6/18/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR727 - Clinical Outcomes Management **STUDENT REC TITLE:** Clinical Outcomes Management **EFFECTIVE:** Fall 2010 **COURSE DESC:** Application of clinical nurse leader role in clinical outcomes management for health promotion, illness and health restoration in a micro-nursing system with lateral integration of care services to affect quality client outcomes throughout the lifespan. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level NUR 707 Minimum Grade of C or Graduate level NUR 708 Minimum Grade of C or Graduate level NUR 730 Minimum Grade of C or Graduate level NUR 750 Minimum Grade of C or Graduate level NUR 751 Minimum Grade of C or Graduate level NUR 755 Minimum Grade of C or Graduate level NUR 756 Minimum Grade of C or Graduate level NUR 788 Minimum Grade of C or Graduate level NUR 716 Minimum Grade of C or Graduate level NUR 734 Minimum Grade of C QTR EQUIV: NUR 727
	VERSION: REV **COURSE:** NUR7601 - Clinical Outcomes and Care Environment Management for the Clinical Nurse Leader **STUDENT REC TITLE:** Clinical Outcomes Mgmt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of the Clinical Nurse Leader role in clinical outcomes management across the lifespan for health promotion, disease prevention, and health restortion within a clinical microsystem with lateral integration of care to affect quality and cost-effective use of resources. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program of permission or instructor. ADD INFO: 2 hrs lecture per week and 112 hrs total clinical SEM PREREQ: NUR 7001, 7002, 7003, 7004, 7005, 7102, 7103, 7104, 7105 All with a minimum grade of C. QTR PREREQ: Graduate level NUR 707 Minimum Grade of C or Graduate level NUR 708 Minimum Grade of C or Graduate level NUR 730 Minimum Grade of C or Graduate level NUR 750 Minimum Grade of C or Graduate level NUR 751 Minimum Grade of C or Graduate level NUR 755 Minimum Grade of C or Graduate level NUR 756 Minimum Grade of C or Graduate level NUR 788 Minimum Grade of C or

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
3902 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 6/18/10 **APPROVED:** 8/30/10 WorkFlow	Graduate level NUR 716 Minimum Grade of C or Graduate level NUR 734 Minimum Grade of C QTR EQUIV: NUR 727

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
4592 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/24/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR728 - Clinical Nurse Leader Immersion Preceptorship **STUDENT REC TITLE:** Clin Nur Ldr Immer Precp **EFFECTIVE:** Fall 2010 **COURSE DESC:** Intensive clinical focus provides students the opportunity to function as an advanced generalist providing managing care at the point of care based on the application of relevant theories, concepts, and research findings. **COLLEGE:** College of Nursing & Health **CRED HR:** 8.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: Graduate level NUR 726 Minimum Grade of C and Graduate level NUR 727 Minimum Grade of C QTR EQUIV: NUR 728
	VERSION: REV **COURSE:** NUR7603 - Clinical Nurse Leader Immersion **STUDENT REC TITLE:** CNL Immersion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive clinical immersion experience into the Clinical Nurse Leader, advanced generalist role providing and managing care at the point of care based on the application of relevant theories, concepts, and evidence. **COLLEGE:** College of Nursing & Health **CRED HR:** 7 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs seminar per week and 336 hrs total clinical SEM PREREQ: NUR 7601 with grade of C QTR PREREQ: Graduate level NUR 726 Minimum Grade of C and Graduate level NUR 727 Minimum Grade of C QTR EQUIV: NUR 728

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4593 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/24/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR729 - Advanced Concepts in Flight Nursing **STUDENT REC TITLE:** Adv Concepts Flight Nrsg **EFFECTIVE:** Fall 2010 **COURSE DESC:** Application of advanced practice nursing concepts when caring for healthy individuals or those with acute and chronic health problems during air transport. Emphasis on symptom management and stabilization of the individual during transport. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health QTR PREREQ: NUR 707, 708, ,751, 755, 761, 762, 763, 764, 724 and 773 all with minimum grade of C. QTR EQUIV: NUR 729
	VERSION: REV **COURSE:** NUR7412 - Advanced Concepts in Flight Nursing **STUDENT REC TITLE:** Adv Cncpts Flght Nsg **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of advanced practice nursing concepts in care for healthy individuals and those with acute and chronic health problems during air transport. Emphasis is placed on symptom management and stabilization of the individual while being transported to a desired location. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs lecture per week SEM PREREQ: NUR 7001, 7002, 7003, 7004, 7005, 7105, 7411, all with minimum grade of C QTR PREREQ: NUR 707, 708, ,751, 755, 761, 762, 763, 764, 724 and 773 all with minimum grade of C. QTR EQUIV: NUR 729

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4578 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/23/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR731 - Strtgc Plng for Nrsg & Hlth **STUDENT REC TITLE:** Strtgc Plng for Nrsg & Hlth **EFFECTIVE:** Fall 2010 **COURSE DESC:** A micro approach to nursing administration. Evaluation of management processes with an experiential component. Practical application of leadership/management concepts, models, and theories. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 731
	VERSION: REV **COURSE:** NUR7301 - Strategic Planning for Nursing and Health Care Systems **STUDENT REC TITLE:** Strt Plng Nsg & Hlth Car **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on the managerial function of planning and developing leadership skills. The strategic planning process uses a systems framework to create a long term focus for nursing and health care systems. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture per week and 168 total hrs clinical SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 731

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4579 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/23/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR732 - Hum resources Mgt in Nrsg Adm **STUDENT REC TITLE:** Hum resources Mgt in Nrsg Adm **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis of human resource management in health care organizations. Specific application is made to the nurse administrator role. Graduate standing in the College of Nursing and Health required. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 732
	VERSION: REV **COURSE:** NUR7302 - Human Resource Management in Nursing Admin **STUDENT REC TITLE:** Hum Res Mgmt Nsg Admin **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of human resource management in health care organizations. Specific application is made to the nurse administrator role. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 732

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4580 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/23/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR734 - Fincl Rsrce Mgt in Nrsg Admin **STUDENT REC TITLE:** Fincl Rsrce Mgt in Nrsg Admin **EFFECTIVE:** Fall 2010 **COURSE DESC:** Fiscal management concepts for nurse administrators. Content focuses on financial reporting function, resource allocation, managerial issues related to finance, financial planning, and control in nursing administration. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 734
	VERSION: REV **COURSE:** NUR7304 - Financial Resource Management in Nursing Administration **STUDENT REC TITLE:** Finan Resour Mgmt Nsg Ad **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fiscal management concepts for nurse administrators. Content focuses on financial reporting function, resource allocation, managerial issues related to finance, financial planning and control in nursing administration. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture and 168 hrs total clinical SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 734

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2543 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 3/31/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** NUR7305 - Organizational Theory & Health Care Decision Making **STUDENT REC TITLE:** Org. Theory & Dec Mkg **EFFECTIVE:** Fall 2012 **COURSE DESC:** Evaluation of the concepts, models, and theories of health care organizations. Analysis of quantitative and qualitative decision making models in health care systems. Continuous quality improvement strategies are analyzed in terms of patient safety and staff outcomes. Introduction to database management for administrative decision making. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs/week lecture QTR EQUIV: NUR 735

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4584 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/23/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR736 - Info & Tech in Nrsg/Hlth Systm **STUDENT REC TITLE:** Info & Tech in Nrsg/Hlth Systm **EFFECTIVE:** Fall 2010 **COURSE DESC:** Systematic assessment of the clinical and administrative information needs of health care systems. Examines the technology and strategies needed to support nursing and health care in dynamic environmental systems. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: None QTR EQUIV: NUR 736
	VERSION: REV **COURSE:** NUR7306 - Information and Technology in Nursing and Health Care Systems **STUDENT REC TITLE:** Info Tech Nsg & Hlth Sys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Systematic assessment of clinical and administrative information needs of health care systems. Examines the technology and strategies needed to support nursing and health care in dynamic environmental systems. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture per week SEM PREREQ: None QTR PREREQ: None QTR EQUIV: NUR 736

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4585 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/23/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR733 - Practicum -Nrsg Administration **STUDENT REC TITLE:** Practicum -Nrsg Administration **EFFECTIVE:** Fall 2010 **COURSE DESC:** Observation, participation, and practice in the administration of nursing services in health care settings. Seminars synthesize previous learning and application to nursing administration. Clinical practicum required **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 731 Minimum Grade of C and Graduate level NUR 732 Minimum Grade of C and Graduate level NUR 751 Minimum Grade of C and Graduate level NUR 755 Minimum Grade of C QTR EQUIV: NUR 733
	VERSION: REV **COURSE:** NUR7313 - Nurse Administrative Practice **STUDENT REC TITLE:** Ns Admin Practice **EFFECTIVE:** Fall 2012 **COURSE DESC:** Nursing administrative practice focusing on creating safe and quality health care. Includes application, synthesis and evaluation of prior learning to create healthy work environments. Includes a global perspective of health care. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture and 168 total hrs clinical SEM PREREQ: NUR 7301, 7302, 7304, 7305, 7306 with minimum grade of C QTR PREREQ: Graduate level NUR 731 Minimum Grade of C and Graduate level NUR 732 Minimum Grade of C and Graduate level NUR 751 Minimum Grade of C and Graduate level NUR 755 Minimum Grade of C QTR EQUIV: NUR 733

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*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2544 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 3/31/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** NUR7401 - Adult Health I **STUDENT REC TITLE:** Adult Health I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application and analysis of advanced practice nursing concepts as a clinical nurse specialist in care of adults and families with acute and chronic health problems including acute physiologic exacerbations, symptom management and health restoration. **COLLEGE:** College of Nursing & Health **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 1 hr lecture, 2 hours seminar per week, 224 hrs total clinical SEM PREREQ: NUR 7102, NUR 7103, NUR 7104 all with minimum grade of C QTR PREREQ: Graduate level NUR 707 Minimum Grade of C and Graduate level NUR 708 Minimum Grade of C and Graduate level NUR 751 Minimum Grade of C and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C and Graduate level NUR 764 Minimum Grade of C and Graduate level NUR 750 Minimum Grade of C (NUR 750 can be taken concurrently) and Graduate level NUR 756 Minimum Grade of C (NUR 756 can be taken concurrently) QTR EQUIV: NUR 724

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2547 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 3/31/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** NUR7403 - Adult Health II **STUDENT REC TITLE:** Adult Health II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Expansion and utilization of expert knowledge as a clinical nurse specialist to develop a programmatic approach to promoting health of individuals, families and groups/communities. **COLLEGE:** College of Nursing & Health **CRED HR:** 7 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 1 hr lecture, 2 hrs. seminar per week, 280 hrs. total clinical SEM PREREQ: NUR 7401 and 7105 with Minimum grade of C. QTR PREREQ: Graduate level NUR 724 Minimum Grade of C QTR EQUIV: NUR 725

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4318 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 7/22/10 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** REV **COURSE:** NUR7411 - Disaster Nursing Management **STUDENT REC TITLE:** Disaster Nsg Man **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of advanced practice nursing concepts of clinical practice when caring for individuals with acute and chronic health problems, families and communities exposed to disasters. Emphasis is placed on health and safety of individuals, families and communities. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 4 hrs lecture per week SEM PREREQ: None QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5045 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR744 - Practicum School Nursing **STUDENT REC TITLE:** Practicum School Nursing **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focus on clinical application of theories, research for health promotion/maintenance, disease prevention for children/adolescents in schools. Emphasis on development of comprehensive school health program. Seminars synthesize learning with application to school nurse role. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: HPR 640, NUR 640, 750, 755, 756, 763, 765,766, and 770 all with Minimum Grade of C QTR EQUIV: NUR 744
	VERSION: REV **COURSE:** NUR7903 - Practicum: School Nursing **STUDENT REC TITLE:** Practicum:School Nursing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focus is on clinical application of relevant theories and research findings for health promotion, disease prevention, and health maintenance for children and adolescents in schools. Emphasis is on the development of a comprehensive school health program. Seminars synthesize previous learning with application to the role of school nurse. Clinical practicum required. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing and acceptance to the School Nurse Masters Degree Program ADD INFO: 2 hrs seminar per week and 224 total clinical hrs SEM PREREQ: NUR 7004, 7003, 7002, 7001, (7005 or 7098 or 7099), 7105, 7106, 7122, 7123, 7124, 6901, 6902, & EDL 8730 (all with minimum grade of C) QTR PREREQ: HPR 640, NUR 640, 750, 755, 756, 763, 765,766, and 770 all with Minimum Grade of C QTR EQUIV: NUR 744

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5043 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR745 - Advances in School Nursing **STUDENT REC TITLE:** Advances in School Nsg **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis of school nurse role in promoting and coordinating school and community health and wellness in culturally diverse environments using interdisciplinary practice, leadership and health promotion strategies. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: NUR 640, 751, 716, 763, and EDL 873 all with Minimum Grade of C QTR EQUIV: NUR 745
	VERSION: REV **COURSE:** NUR7901 - Advances in School Nursing **STUDENT REC TITLE:** Advances in Sch Nsg **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of the role of the school nurse in community health assessment and diagnosis, interdisciplinary practice, and health promotion and disease prevention primary care in a culturally diverse evolving environment. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs seminar per week and 168 total clinical hrs SEM PREREQ: NUR 7105, 6901, 6902, & EDL 8730 (all with minimum grade of C) QTR PREREQ: NUR 640, 751, 716, 763, and EDL 873 all with Minimum Grade of C QTR EQUIV: NUR 745

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2549 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 3/31/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** NUR7501 - Children and Adolescent Health I **STUDENT REC TITLE:** Child/Adoles Health I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of advanced practice nursing skills integrating theory, research findings, and differential diagnoses in the provision of primary and minor acute care for children/adolescents in familites. Clinical learning will incorporate use of case management and multi-disciplinary collaboration with consideration of physical, social, and psychological factors. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing or permission of instructor ADD INFO: 2 hrs lecture per week, 168 hours total clinical This course is a combination of the old NUR 782 and 783. SEM PREREQ: NUR 7122, NUR 7123, NUR 7124 all with Minimum Grade of C QTR PREREQ: Graduate level NUR 765 Minimum Grade of C Graduate level NUR 769 Minimum Grade of C Graduate level NUR 766 Minimum Grade of C QTR EQUIV: NUR 783

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3884 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 6/18/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR784 - Adv Nursing of Child/Adols III **STUDENT REC TITLE:** Adv Nursing of Child/Adols III **EFFECTIVE:** Fall 2010 **COURSE DESC:** Clinical application of relevant theories and research findings for health promotion and disease prevention, as well as health maintenance and restoration for children/adolescents using a family centered approach. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 783 Minimum Grade of C QTR EQUIV: NUR 784
	VERSION: REV **COURSE:** NUR7502 - Child and Adolescent Health II **STUDENT REC TITLE:** Child/Adolesc Health II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of theoretical frameworks and research findings for health promotion and disease prevention, health maintenance, and health restoration for children and adolescents. The clinical practicum will focus on advanced nursing care, incorporating multi-disciplinary collaboration for the delivery of comprehensive health care in primary care settings. Emphasis is on managment of acute and chronic conditions. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing or permission of instructor. ADD INFO: 2 hrs lecture per week, 168 total hrs clinical. Combination of NUR 784 and 783. SEM PREREQ: NUR 7501 Minimum grade of C QTR PREREQ: Graduate level NUR 783 Minimum Grade of C QTR EQUIV: NUR 784

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4586 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/23/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR785 - Advanced Nursing Care of Children and Adolescents Practicum **STUDENT REC TITLE:** Adv Nrsg CAH Prac **EFFECTIVE:** Fall 2010 **COURSE DESC:** Intensive clinical focus for application of relevant theories, concepts, and research findings to clinical care. Stresses development of clinical competence required in delivering advanced practice nursing care to children/adolescents and families. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 784 Minimum Grade of C QTR EQUIV: NUR 785
	VERSION: REV **COURSE:** NUR7503 - Child and Adolescent Health Practicum for Primary Care Pediatric Nurse Practitioner and Clinical Nurse Specialist **STUDENT REC TITLE:** Primary Care PNP/CNS Pra **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focus on models of practice providing health care to infants, children and adolescents in wellness, common minor health problems, and acute and chronic illness. Factors influencing role development will be addressed. **COLLEGE:** College of Nursing & Health **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture per week and 224 total hrs clinical SEM PREREQ: NUR 7001, 7002, 7003, 7004, 7005, 7105, 7106, 7501, 7502 all with minimum grade of C QTR PREREQ: Graduate level NUR 784 Minimum Grade of C QTR EQUIV: NUR 785

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3893 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 6/18/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR784 - Adv Nursing of Child/Adols III **STUDENT REC TITLE:** Adv Nursing of Child/Adols III **EFFECTIVE:** Fall 2010 **COURSE DESC:** Clinical application of relevant theories and research findings for health promotion and disease prevention, as well as health maintenance and restoration for children/adolescents using a family centered approach. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 783 Minimum Grade of C QTR EQUIV: NUR 784
	VERSION: REV **COURSE:** NUR7511 - Acute Care Pediatric Nurse Practitioner I **STUDENT REC TITLE:** Acute Care PNP I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Application of theoretical frameworks and research findings for health promotion and disease prevention, health maintenance, and health restoration for children and adolescents. The clinical practicum will focus on advanced nursing care of acute and chronic conditions incorporating multi-disciplinary collaboration for the delivery of comprehensive health care in acute care settings. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing or permission of instructor. ADD INFO: 2 hrs. lecture, 112 hrs total clinical SEM PREREQ: NUR 7501 with Minimum Grade of C QTR PREREQ: Graduate level NUR 783 Minimum Grade of C QTR EQUIV: NUR 784

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3901 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 6/18/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR786 - Advanced Acute Care Nursing of Children/Adolescents **STUDENT REC TITLE:** Adv Acute Care Nsg C/A **EFFECTIVE:** Fall 2010 **COURSE DESC:** Emphasis on nursing management of complex acute illnesses and multi-system disorders of children/adolescents and their families. Clinical practicum focuses on multi-disciplinary collaboration for the delivery of comprehensive health care in high acuity setting. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 783 Minimum Grade of C QTR EQUIV: NUR 786
	VERSION: REV **COURSE:** NUR7512 - Acute Care Pediatric Nurse Practitioner II **STUDENT REC TITLE:** Adv Acute Care PNP II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasis on nursing management of complex acute illnesses and multi-system disorders for children/adolescents and their families. Clinical practicum focuses on multi-disciplinary collaboration for the delivery of comprehensive health care, in high acuity settings. **COLLEGE:** College of Nursing & Health **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing or permission of instructor. ADD INFO: 2 hrs. lecture per week and 112 total clinical hrs. SEM PREREQ: NUR 7511 minimum grade of C QTR PREREQ: Graduate level NUR 783 Minimum Grade of C QTR EQUIV: NUR 786

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3903 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 6/18/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR785 - Advanced Nursing Care of Children and Adolescents Practicum **STUDENT REC TITLE:** Adv Nrsg CAH Prac **EFFECTIVE:** Fall 2010 **COURSE DESC:** Intensive clinical focus for appliication of relevant theories, concepts, and research findings to clinical care. Stresses development of clinical competence required in delivering advanced practice nursing care to children/adolescents and families. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 784 Minimum Grade of C QTR EQUIV: NUR 785
	VERSION: REV **COURSE:** NUR7513 - Acute Care Pediatric Nurse Practitioner III: Practicum **STUDENT REC TITLE:** Ac. Care PNP III: Pract. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focus on models of practice in providing health care to infants, advanced practice (wellness, common minor health problems, and high acute and complex chronic illness). Factors influencing role development and delegation/supervision, quality improvements, accreditation standards, professional standards, and prescriptive authority will be addressed. **COLLEGE:** College of Nursing & Health **CRED HR:** 7 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing or permission of instructor ADD INFO: 2 hrs. lecture per week and 224 hrs total clinical SEM PREREQ: NUR 7512 with minimum grade of C QTR PREREQ: Graduate level NUR 784 Minimum Grade of C QTR EQUIV: NUR 785

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4854 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR770 - Community/Public Hlth Nrsg I **STUDENT REC TITLE:** Community/Public Hlth Nrsg I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis of the role of the community health nurse specialist in community assessment and diagnosis, interdisciplinary practice, and health promotion and disease prevention primary care in a culturally and ethnically diverse evolving environment. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 708 Minimum Grade of C and Graduate level NUR 707 Minimum Grade of C (NUR 707 can be taken concurrently) and Graduate level NUR 751 Minimum Grade of C (NUR 751 can be taken concurrently) and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C and Graduate level NUR 764 Minimum Grade of C QTR EQUIV: NUR 770
	VERSION: REV **COURSE:** NUR7701 - Community/Public Health Nursing I **STUDENT REC TITLE:** Comm Pub Hlth Nsg I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of the role of the community health nurse specialist in community health assessment and diagnosis, interdisciplinary practice, and health promotion and disease prevention primary care in a culturally diverse evolving environment. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture per week, 168 total hrs clinical SEM PREREQ: NUR 7001, 7002, 7003, 7004, 7005, 7102, 7103, 7104 with minimum grade of C QTR PREREQ: Graduate level NUR 708 Minimum Grade of C and Graduate level NUR 707 Minimum Grade of C (NUR 707 can be taken concurrently) and Graduate level NUR 751 Minimum Grade of C (NUR 751 can be taken concurrently) and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C and Graduate level NUR 764 Minimum Grade of C QTR EQUIV: NUR 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4858 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR771 - Community/Public Hlth Nrsg II **STUDENT REC TITLE:** Community/Public Hlth Nrsg II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis of role of community health nurse specialist in program planning in partnership with community. Continuous quality improvement including both evaluation and consultation to increase social justice and improve the environment of the aggregate. **COLLEGE:** College of Nursing & Health **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 763 Minimum Grade of C and Graduate level NUR 770 Minimum Grade of C and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C QTR EQUIV: NUR 771
	VERSION: REV **COURSE:** NUR7702 - Community/Public Health Nursing II **STUDENT REC TITLE:** Comm/Pub Hlth Nsg II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of the role of the community/public health nurse specialist in community, programming planning, evaluation and consultation. Appraisal of related public health policies, legislation and reimbursement. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture per week and 168 total hrs clinical SEM PREREQ: NUR 7701 with minimum grade of C QTR PREREQ: Graduate level NUR 763 Minimum Grade of C and Graduate level NUR 770 Minimum Grade of C and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C QTR EQUIV: NUR 771

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4861 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/1/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR772 - Practicum:Cmmnty Nurse Spclst **STUDENT REC TITLE:** Practicum:Cmmnty Nurse Spclst **EFFECTIVE:** Fall 2010 **COURSE DESC:** Observation, participation and practice as community health nurse specialist. Seminars synthesize previous learning with application to the role. Public health policies, legislation and economics of health care, including obtaining and financial management of grants. **COLLEGE:** College of Nursing & Health **CRED HR:** 6 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 771 Minimum Grade of C and Graduate level NUR 755 Minimum Grade of C QTR EQUIV: NUR 772
	VERSION: REV **COURSE:** NUR7703 - Practicum : Community Nurse Specialist **STUDENT REC TITLE:** Practicum: Comm Ns Spec **EFFECTIVE:** Fall 2012 **COURSE DESC:** Observation, participation and practice as a community health nurse specialist. Seminars synthesize previous learning with application to the role of the community health nurse specialist. Clinical practicum required. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: Two hrs seminar per week and 224 total hrs clinical SEM PREREQ: NUR 7702, with minimum grade of C QTR PREREQ: Graduate level NUR 771 Minimum Grade of C and Graduate level NUR 755 Minimum Grade of C QTR EQUIV: NUR 772

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4317 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 7/22/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR791 - Primary Health Care of Women **STUDENT REC TITLE:** Primary Health Care of Women **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides knowledge and skills needed to deliver primary health care to women in multiple settings. Emphasizes application of problem identification and management, health promotion, and client and family counseling. Clinical and supervised lab experiences. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 708 Minimum Grade of C and Graduate level NUR 756 Minimum Grade of C and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C and Graduate level NUR 764 Minimum Grade of C and Graduate level NUR 707 Minimum Grade of C (NUR 707 can be taken concurrently) and Graduate level NUR 751 Minimum Grade of C (NUR 751 can be taken concurrently) QTR EQUIV: NUR 791
	VERSION: REV **COURSE:** NUR7801 - Primary Health Care of Women, Children and Adolescents **STUDENT REC TITLE:** Prime Care Women/Child **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides the nurse practitioner with knowledge and skills needed to deliver primary health care to women, children and adolescents in multiple settings. Emphasizes the application of problem identification and management, health promotion, and client and family counseling. Clinical and supervised lab experiences focus on foundations of nurse practitioner practice, initial role identification and opportunity to apply classroom and core content. **COLLEGE:** College of Nursing & Health **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 3 hrs lecture per week and 168 hrs total clinical SEM PREREQ: NUR 7102,7104,7103 all with minimum grade of C QTR PREREQ: Graduate level NUR 708 Minimum Grade of C and Graduate level NUR 756 Minimum Grade of C and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C and Graduate level NUR 764 Minimum Grade of C and Graduate level NUR 707 Minimum Grade of C (NUR 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4317 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 7/22/10 **APPROVED:** 8/30/10 WorkFlow	can be taken concurrently) and Graduate level NUR 751 Minimum Grade of C (NUR 751 can be taken concurrently) QTR EQUIV: NUR 791

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4762 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR792 - Prmry Hlth Care-Yng/Oldr Adlts **STUDENT REC TITLE:** Prmry Hlth Care-Yng/Oldr Adlts **EFFECTIVE:** Fall 2010 **COURSE DESC:** Provides knowledge and skills to deliver primary health care to adults across their lifespan in multiple settings. Emphasizes application of problem identification and management, health promotion, and client and family counseling. Supervised lab and clinical experiences. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 707 Minimum Grade of C and Graduate level NUR 708 Minimum Grade of C and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C and Graduate level NUR 764 Minimum Grade of C and Graduate level NUR 756 Minimum Grade of C QTR EQUIV: NUR 792
	VERSION: REV **COURSE:** NUR7802 - Primary Care of Adults **STUDENT REC TITLE:** Prim Care Adults **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides the nurse practitioner with knowledge and skills needed to deliver primary health care to young adults, adults, and older adults through senescence in multiple settings. Emphasizes the application of problem identification and management, health promotion, and client & family counseling. Supervised lab and clinical experiences provide the opportunity to apply classroom and core content. **COLLEGE:** College of Nursing & Health **CRED HR:** 5 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs lecture per week and 168 hrs total clinical SEM PREREQ: NUR 7801 with minimum grade of C QTR PREREQ: Graduate level NUR 707 Minimum Grade of C and Graduate level NUR 708 Minimum Grade of C and Graduate level NUR 761 Minimum Grade of C and Graduate level NUR 762 Minimum Grade of C and Graduate level NUR 764 Minimum Grade of C and Graduate level NUR 756 Minimum Grade of C QTR EQUIV: NUR 792

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4765 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR794 - Fam Nrse Prcttnr Preceptorship **STUDENT REC TITLE:** Fam Nrse Prcttnr Preceptorship **EFFECTIVE:** Fall 2010 **COURSE DESC:** Intensive clinical focus provides students the opportunity to apply relevant theories, concepts, and research findings to clinical care. Stresses development of clinical competence required in delivering primary health care. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Nursing & Health Must be enrolled in one of the following Majors: Nursing QTR PREREQ: Graduate level NUR 791 Minimum Grade of C and Graduate level NUR 792 Minimum Grade of C and Graduate level NUR 793 Minimum Grade of C QTR EQUIV: NUR 794
	VERSION: REV **COURSE:** NUR7803 - Family Nurse Practitioner Practicum **STUDENT REC TITLE:** FNP Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive clinical focus provides students the opportunity to apply relevant theories, concepts, and research findings to clinical care. Stresses development of clinical competence required in delivering primary health care. **COLLEGE:** College of Nursing & Health **CRED HR:** 6 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: 2 hrs seminar per week and 280 total hrs clinical SEM PREREQ: NUR 7802 with minimum grade of C QTR PREREQ: Graduate level NUR 791 Minimum Grade of C and Graduate level NUR 792 Minimum Grade of C and Graduate level NUR 793 Minimum Grade of C QTR EQUIV: NUR 794

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5052 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR820 - Scientific Basis of Nursing Practice **STUDENT REC TITLE:** Scientific Basis of nsg **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course examines nursing science from a broad range of perspectives. The emphasis is on identification and analysis of nursing phenomena, use of nursing science to manage phenomena, and evaluation of outcomes. **COLLEGE:** College of Nursing & Health **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR EQUIV: NUR 820
	VERSION: REV **COURSE:** NUR8001 - Scientific Basis of Nursing Practice **STUDENT REC TITLE:** Sci Base Nsg Pract **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course examines nursing science from a broad range of perspectives. The emphasis is on identification and analysis of nursing phenomena, use of nursing science to manage phenomena, and evaluation of outcomes. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program or permission of instructor ADD INFO: Synchronous online course, 3 hrs per week QTR EQUIV: NUR 820

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5055 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR827 - Population Health **STUDENT REC TITLE:** Population Health **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course uses epidemiologic models to analyze and construct interventions for health care delivery systems. The focus is on safe, quality, cultually-appropriate advanced nursing practice activites to meet emerging world needs. **COLLEGE:** College of Nursing & Health **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR EQUIV: NUR 827
	VERSION: REV **COURSE:** NUR8002 - Population Health **STUDENT REC TITLE:** Population Health **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course uses epidemiologic models to analyze and construct interventions for health care delivery systems. The focus is on safe, quality, culturally-appropriate advanced nursing practice activities to meet emerging world needs. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program or permission of instructor Graduate level biostatistics ADD INFO: Synchronous online course, 3 hrs per week QTR EQUIV: NUR 827

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5057 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR825 - Applied Nursing Research **STUDENT REC TITLE:** Applied NSG Research **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course is an extension of basic research and utilization methods. The focus is on preparing the student for leadership in clinical research, and research utilization. **COLLEGE:** College of Nursing & Health **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR EQUIV: NUR 825
	VERSION: REV **COURSE:** NUR8003 - Applied Nursing Research **STUDENT REC TITLE:** App Nsg Res **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is an extension of basic research and utilization methods. The focus is on preparing the student for leadership in clinical research, and research utilization. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program or permission of instructor ADD INFO: Synchronous online course, 3 hrs per week SEM PREREQ: Graduate level multivariate statistics course within 5 years of start of course QTR EQUIV: NUR 825

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5059 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR830 - Organizational and Systems Leadership in Health Care **STUDENT REC TITLE:** Org and Sys Leadership **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines application of organizational and leadership theories/strategies to assess process/outcomes in complex practice settings, health care organizations, and communities with a focus on the APN role in analyzing clinical patterns and issues. **COLLEGE:** College of Nursing & Health **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR EQUIV: NUR 830
	VERSION: REV **COURSE:** NUR8004 - Organizational and Systems Leadership in Health Care **STUDENT REC TITLE:** Org Sys Ldrshp Hlth Care **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines application of organizational and leadership theories/strategies to assess process/outcomes in complex practice settings, health care organizations, and communities with a focus on the APN role in analyzing clinical patterns and issues. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to graduate program or permission of instructor ADD INFO: Synchronous online course, 3 hrs per week online and 40 total clinical QTR EQUIV: NUR 830

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5061 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR895 - Project Seminar **STUDENT REC TITLE:** Project Seminar **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course provides a forum to articulate and explore advanced nursing practice roles and responsibilities. The focus will be on leading nursing practice in patient advocacy, teaching, collaboration, and the design and provision of care. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR PREREQ: NUR 820 Minimum Grade of C QTR EQUIV: NUR 895
	VERSION: REV **COURSE:** NUR8005 - Project Seminar **STUDENT REC TITLE:** Project Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides a forum to articulate and explore advanced nursing practice roles and responsibilities. The focus will be on leading nursing practice in patient advocacy, teaching, collaboration, and the design and provision of care. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program or permission of instructor ADD INFO: Synchronous online course, 3 hrs per week SEM PREREQ: NUR 8003 with minimum grade of C QTR PREREQ: NUR 820 Minimum Grade of C QTR EQUIV: NUR 895

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5063 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR836 - Marketing and Entrepreneurial Activities in Complex Health Care **STUDENT REC TITLE:** Mkting in Complex Hlth **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course examines marketing and entrepreneurial strategies for advanced nursing practice in complex health care systems. The focus is on creating and evaluating marketing plans and entrepreneurial activities. **COLLEGE:** College of Nursing & Health **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR EQUIV: NUR 836
	VERSION: REV **COURSE:** NUR8006 - Marketing & Entrepreneurial Activities in Complex Health Care **STUDENT REC TITLE:** Mrktng Entrepre Hlth Car **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course examines marketing and entrepreneurial strategies for advanced nursing practice in complex health care systems. The focus is on creating and evaluating marketing plans and entrepreneurial activities. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program or permission of instructor ADD INFO: Synchronous online course, 3 hrs per week. QTR EQUIV: NUR 836

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5065 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR832 - Quality Management and Performance Improvement in Health Care Organizations **STUDENT REC TITLE:** Qual Mgmt in Hlth Care **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines principles and practice of quality management in health care delivery, clinical performance outcomes, patient safety and improving quality of care focusing on the role of APNS working with a collaborative team. **COLLEGE:** College of Nursing & Health **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR EQUIV: NUR 832
	VERSION: REV **COURSE:** NUR8007 - Quality Mgt & Performance Improvement in HC Orgs **STUDENT REC TITLE:** QM and I for HC Org **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the principles and practice of quality management in health care organizations and clinical performance in care delivery and outcomes. Focus is on the role and accountability of the advanced practice nurse working with a collaborative team for maintaining patient safety and improving quality of care. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program or permission of instructor ADD INFO: Synchronous online course, 3 hrs per week and 40 hrs clinical QTR EQUIV: NUR 832

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5067 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR834 - Information & Technology in Nursing & Health Care Systems **STUDENT REC TITLE:** Info and Tech in NSG **EFFECTIVE:** Fall 2010 **COURSE DESC:** Systematic assessment of clinical and administrative information needs of health care systems. Examines the technology and strategies needed to support patients, nurses, and health care delivery in dynamic environmental systems. **COLLEGE:** College of Nursing & Health **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR EQUIV: NUR 834
	VERSION: REV **COURSE:** NUR8008 - IInformation Technology in Nursing & Health Care **STUDENT REC TITLE:** IT in Nursing & H Care **EFFECTIVE:** Fall 2012 **COURSE DESC:** Systematic assessment of clinical and administrative information needs of health care systems. Examines the technology and strategies needed to support patients, nurses, and health care delivery in dynamic environmental systems. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program or permission of instructor ADD INFO: Synchronous online course, 3 hrs per week QTR EQUIV: NUR 834

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5070 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR899 - Evidence-Based Practice Project **STUDENT REC TITLE:** EBP Project **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course is a guided, independent project utilizing research to improve patient outcomes, health care delivery, or nursing practice. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR PREREQ: Graduate level NUR 820 Minimum Grade of C and QTR EQUIV: NUR 899
	VERSION: REV **COURSE:** NUR8099 - Evidence Based Practice Project **STUDENT REC TITLE:** EBP Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course is a guided, independent project utilizing research to improve patient outcomes, health care delivery, or nursing practice. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program and permission of capstone advisor ADD INFO: Asynchronous online course, 1-3 hrs per week. SEM PREREQ: NUR 8005 with grade of C QTR PREREQ: Graduate level NUR 820 Minimum Grade of C and QTR EQUIV: NUR 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5079 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR840 - Evidence-Based Diagnostic Methods in Advanced Practice Nursing **STUDENT REC TITLE:** EB DX Methods in APN **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines the basis for diagnosis using lab and imaging procedures, assessing the quality and reliability/sensitivity of diagnositc tests, understanding the technology used in diagnostic testing, and utilizing cost-benefit data in ordering diagnostic testing. **COLLEGE:** College of Nursing & Health **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR PREREQ: NUR 827 Minimum Grade of C QTR EQUIV: NUR 840
	VERSION: REV **COURSE:** NUR8101 - Evidence Based Nursing in Direct Care **STUDENT REC TITLE:** EB Nsg in Direct Care **EFFECTIVE:** Fall 2012 **COURSE DESC:** This seminar course focuses on the nursing management of complex patients, diagnostic reasoning, translation of evidence into practice, and building intra and inter-professional interactive models to meet patient needs. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program or permission of instructor ADD INFO: Synchronous online course, 3 hrs per week, 80 hrs total clinical QTR PREREQ: NUR 827 Minimum Grade of C QTR EQUIV: NUR 840

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5082 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR850 - Capstone Practicum D.C. **STUDENT REC TITLE:** Capstone Practicum DC **EFFECTIVE:** Fall 2010 **COURSE DESC:** Individually precepted practicum that requires advanced nursing practice with individuals and groups. Includes seminar that facilitates synthesis and application of all prior learning for evidence-based practice. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR PREREQ: NUR 820 Minimum Grade of C QTR EQUIV: NUR 850
	VERSION: REV **COURSE:** NUR8102 - Practicum Direct Care **STUDENT REC TITLE:** Practicum Direct Care **EFFECTIVE:** Fall 2012 **COURSE DESC:** Individually precepted practicum that requires advanced nursing practice with individuals and groups. Includes seminar that facilitates synthesis and application of all prior learning for evidence-based practice. **COLLEGE:** College of Nursing & Health **CRED HR:** 6 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program and permission of instructor and/or advisor ADD INFO: Synchronous online course, hrs per week TBD, 360 total clinical hrs SEM PREREQ: NUR 8001 QTR PREREQ: NUR 820 Minimum Grade of C QTR EQUIV: NUR 850

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5089 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR841 - Evidence-Based Administration in Complex Health **STUDENT REC TITLE:** EB Admin in Complex Hlth **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines evidence practices in administrative health care settings focusing on current status and creating and evaluating innovative administrative practices based on best practices including model application for finance and clinical outcomes. **COLLEGE:** College of Nursing & Health **CRED HR:** 4.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR PREREQ: Graduate level NUR 827 Minimum Grade of C QTR EQUIV: NUR 841
	VERSION: REV **COURSE:** NUR8201 - Evidence Based Administration in Complex Systems **STUDENT REC TITLE:** Evidence Based Admin **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course examines evidence practices in administrative health care settings. The focus is on examining current status and creating and evaluating innovative administrative practices based on best practices. Competencies include model application for finance and clinical outcomes. **COLLEGE:** College of Nursing & Health **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Clinical, Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program or permission of instructor ADD INFO: Synchronous online course, hrs per week TBD by faculty, 80 hrs total clinical SEM PREREQ: NUR 8105 with minimum grade of C QTR PREREQ: Graduate level NUR 827 Minimum Grade of C QTR EQUIV: NUR 841

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5085 **STATUS:** Complete **CREATOR:** Teresa Houston **CREATED:** 9/14/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** NUR851 - Capstone Practicum IC **STUDENT REC TITLE:** Captone Practicum IC **EFFECTIVE:** Fall 2010 **COURSE DESC:** Individually precepted practicum that requires leadership and practice at the aggregate/systems/organizational level of health care. Includes required seminar that facilitates application, synthesis, and evaluation of prior learning in applied practice. **COLLEGE:** College of Nursing & Health **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Nursing Practice - DNP QTR PREREQ: NUR 820 Minimum Grade of C QTR EQUIV: NUR 851
	VERSION: REV **COURSE:** NUR8202 - Practicum Indirect Care **STUDENT REC TITLE:** Practicum Indirect Care **EFFECTIVE:** Fall 2012 **COURSE DESC:** Individually precepted practicum that requires leadership and practice at the aggregate/systems/organizational level of health care. Includes required seminar that facilitates application, synthesis, and evaluation of prior learning in applied practice. **COLLEGE:** College of Nursing & Health **CRED HR:** 6 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Clinical, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Acceptance to DNP program and permission of instructor and/or capstone advisor ADD INFO: Synchronous online course, hrs per week TBD by faculty, 360 hrs total clinical SEM PREREQ: NUR 8001 with minimum grade of C QTR PREREQ: NUR 820 Minimum Grade of C QTR EQUIV: NUR 851

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1823 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B610 - Human Physiology **STUDENT REC TITLE:** Human Physiology **EFFECTIVE:** Winter 2010 **COURSE DESC:** An overview of human/mammalian organ physiology. Fundamental mechanisms and the experimental basis for current understanding is emphasized. Prerequisite: Introductory biology, chemistry, physics, or permission of instructor. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N6100 - Human Physiology **STUDENT REC TITLE:** Human Physiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** An overview of human/mammalian organ physiology. Fundamental mechanisms and the experimental basis for current understanding is emphasized. Prerequisite: Introductory biology, chemistry, physics, or permission of instructor. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: BMS 8620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1824 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B642 - Introductory Neurophysiology **STUDENT REC TITLE:** Introductory Neurophysiology **EFFECTIVE:** Winter 2010 **COURSE DESC:** Physiological mechanisms that subserve the functions of the nervous system. Topics include the biophysics of neuronal information, intercellular communications, motor control, sensory systems, and developmental neurobiology. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N6420 - Introductory Neurophysiology **STUDENT REC TITLE:** Introductory Neurophys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Physiological mechanisms that subserve the functions of the nervous system. Topics include the biophysics of neuronal information, intercellular communications, motor control, sensory systems, and developmental neurobiology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Prerequisites: BIO 1110 or equivalent; CHM 1210 or equivalent with minimum grades: C or equivalent or by permission of instructor. XLIST: P&N 4420, BMS 8650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1825 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B650 - Glial Cell Physiology **STUDENT REC TITLE:** Glial Cell Physiology **EFFECTIVE:** Winter 2010 **COURSE DESC:** Concepts of glial cell physiology based on the analysis of current primary literature. Topics include interactions between glia and other cell types and the role of glia in pathophysiology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level P&B 642
	VERSION: REV **COURSE:** P&N6500 - Glial Cell Physiology **STUDENT REC TITLE:** Glial Cell Physiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Concepts of glial cell physiology based on the analysis of current primary literature. Topics include interactions between glia and other cell types and the role of glia in pathophysiology. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. SEM PREREQ: Graduate level P&B 6420 Minimum Grade of C QTR PREREQ: Graduate level P&B 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1830 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B669 - Quant Aspct-Membrane Transport **STUDENT REC TITLE:** Quant Aspct-Membrane Transport **EFFECTIVE:** Winter 2010 **COURSE DESC:** Employs a quantitative approach to the properties of solutes, water, bio-electrical phenomena, the properties of transport systems that move solutes across biological membranes, and the interactions of these solutes with membranes. Completion of calculus, cell biology, and cellular physiology and biophysics required. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N6690 - Quant Aspct-Membrane Transport **STUDENT REC TITLE:** Quant Aspct-Mem Trans **EFFECTIVE:** Fall 2012 **COURSE DESC:** Employs a quantitative approach to the properties of solutes, water, bio-electrical phenomena, the properties of transport systems that move solutes across biological membranes, and the interactions of these solutes with membranes. Completion of calculus, cell biology, and cellular physiology and biophysics required. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. XLIST: BMS 8690

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1832 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 6/8/10 WorkFlow	**VERSION:** CURR **COURSE:** P&B669 - Quant Aspct-Membrane Transport **STUDENT REC TITLE:** Quant Aspct-Membrane Transport **EFFECTIVE:** Winter 2010 **COURSE DESC:** Employs a quantitative approach to the properties of solutes, water, bio-electrical phenomena, the properties of transport systems that move solutes across biological membranes, and the interactions of these solutes with membranes. Completion of calculus, cell biology, and cellular physiology and biophysics required. May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: CURR **COURSE:** P&B699 - Special Problems in Physiology **STUDENT REC TITLE:** Special Problems in Physiology **EFFECTIVE:** Winter 2010 **COURSE DESC:** Enables students to explore potential careers in physiology. Varies from working on an ongoing physiological research project to historical survey related to a completed research project. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N6990 - Special Problems in Physiology **STUDENT REC TITLE:** Special Problems in Phys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special physiological problems or research designed for specific needs and talents of the student. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. SEM PREREQ: Completion of Calculus, Cell Biology and Cellular Physiology and Biophysics

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1833 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B701 - Selected Topics in Physiology **STUDENT REC TITLE:** Selected Topics in Physiology **EFFECTIVE:** Winter 2010 **COURSE DESC:** A selected area is discussed in greater detail than in the basic courses (P&B 702, 703). Some topics may include laboratory **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level P&B 702 and Graduate level P&B 703
	VERSION: REV **COURSE:** P&N7010 - Selected Topics in Physiology **STUDENT REC TITLE:** Sel Topics in Physiology **EFFECTIVE:** Fall 2012 **COURSE DESC:** A selected area of physiology is discussed in greater detail than in basic physiology courses. Some topics may include laboratory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 5 REP TIMES: 0 RESTRICTION: By permission of instructor. QTR PREREQ: Graduate level P&B 702 and Graduate level P&B 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1835 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B722 - Ion Channels **STUDENT REC TITLE:** Ion Channels **EFFECTIVE:** Winter 2010 **COURSE DESC:** This course explores the role of ion channels in a variety of cell types with an emphasis on both electrophysiological and biochemical methods for evaluation of channel function. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N7220 - Ion Channels **STUDENT REC TITLE:** Ion Channels **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores the role of ion channels in a variety of cell types with an emphasis on both electrophysiological and biochemical methods for evaluation of channel function. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. SEM PREREQ: P&B 7750 XLIST: BMS 8530

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1844 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B775 - Neuroscience & Physiology **STUDENT REC TITLE:** Neuroscience & Physiology **EFFECTIVE:** Winter 2010 **COURSE DESC:** In-depth coverage of cellular neuroscience with an emphasis on physiological concepts. Subjects include nervous system development, generation of ion gradients, ionic basis of the action potential, synaptic transmission, and ion channels. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** P&N7750 - Neuroscience & Physiology **STUDENT REC TITLE:** Neuroscience & Phys **EFFECTIVE:** Fall 2012 **COURSE DESC:** In-depth coverage of cellular neuroscience with an emphasis on physiological concepts. Subjects include nervous system development, generation of ion gradients, ionic basis of the action potential, synaptic transmission, and ion channels. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: must have undergraduate degree, have taken Biology, Chemistry , and Physics

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1838 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B776 - Intercellular Communication **STUDENT REC TITLE:** Intercellular Communication **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduces the concepts of intercellular communication through an interdisciplinary presentation of immune and neuroendocrine system functions. Emphasizes the similarities between the systems and the multidis-ciplinary approaches used to study each. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N7760 - Intercellular Communication **STUDENT REC TITLE:** Intercellular Comm **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces the concepts of intercellular communication through an interdisciplinary presentation of immune and neuroendocrine system functions. Emphasizes the similarities between the systems and the multidis-ciplinary approaches used to study each. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2754 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 4/12/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Spring 2010 **COURSE DESC:** A student must be registered at the graduate level in the quarter in which the degree is granted or in which some service is being rendered by the department, such as thesis writing. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N7890 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** By permission of instructor. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1839 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** P&B792 - Mechanisms of Cell Death **STUDENT REC TITLE:** Mechanisms of Cell Death **EFFECTIVE:** Winter 2010 **COURSE DESC:** Signalling and Molecular mechanisms of Apoptotic Cell Death and relationship to human diseases. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** P&N7920 - Mechanisms of Cell Death **STUDENT REC TITLE:** Mechanisms of Cell Death **EFFECTIVE:** Fall 2012 **COURSE DESC:** Signalling and Molecular mechanisms of Apoptotic Cell Death and relationship to human diseases. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. XLIST: BMS 8720, M&I 7720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1554 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/11/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B800 - Seminar **STUDENT REC TITLE:** Seminar **EFFECTIVE:** Winter 2010 **COURSE DESC:** Students organize and present material to colleagues and faculty. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N8000 - Physiology Seminar **STUDENT REC TITLE:** Physiology Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Two seminars (Physiology Seminar I and II) run concurrent with the Department of Neuroscience, Cell Biology and Physiology Seminar Series. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: By permission of instructor.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1842 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B808 - Neuroscience Seminar **STUDENT REC TITLE:** Neuroscience Seminar **EFFECTIVE:** Winter 2010 **COURSE DESC:** Students present a current scientific article to colleagues and faculty. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N8080 - Neuroscience Seminar **STUDENT REC TITLE:** Neuroscience Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students present a current scientific article to colleagues and faculty. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. XLIST: BMS 9900

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1845 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B860 - Principles of Biomedial Research **STUDENT REC TITLE:** Prin Biomedical Research **EFFECTIVE:** Winter 2010 **COURSE DESC:** Principles of Biomedical Research is appropriate for students that will be involved in Biomedial Research. PBR provides a lecture and student interactive series designed to introduce students to the basic of Biomedical Research. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Medicine-MD Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N8600 - Principles of Biomedial Research **STUDENT REC TITLE:** Prin Biomedical Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of Biomedical Research is appropriate for students that will be involved in Biomedial Research. PBR provides a lecture and student interactive series designed to introduce students to the basic of Biomedical Research. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor. XLIST: BMS 8630, ANT 8600

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1846 **STATUS:** Complete **CREATOR:** Kimberly Hagler **CREATED:** 1/21/10 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** P&B899 - Physiology Research **STUDENT REC TITLE:** Physiology Research **EFFECTIVE:** Winter 2010 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** P&N8990 - Physiology Research **STUDENT REC TITLE:** Physiology Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 10 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: By permission of instructor.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7578 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 3/7/11 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** CURR **COURSE:** PHA701 - Selected Topics-Pharmacology **STUDENT REC TITLE:** Selected Topics-Pharmacology **EFFECTIVE:** Winter 2011 **COURSE DESC:** Topics vary. **COLLEGE:** School of Medicine **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PTX8000 - Selected Topics-Pharmacology **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics vary. **COLLEGE:** School of Medicine **CRED HR:** 0 **VAR CRED RANGE:** 1 - 5 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study, Lecture, Seminar REP HRS: 999 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4812 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PHA870 - Phys & Pharm of Vascular Cells **STUDENT REC TITLE:** Phys & Pharm of Vascular Cells **EFFECTIVE:** Spring 2011 **COURSE DESC:** Physiological steady state and pharmacological properties of vascular cells circulating erythrocytes, endothelial cells, and smooth muscle cells in particular as a basis of pathophysiologic aberrations and clinical disorders. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHA 870
	VERSION: REV **COURSE:** PTX8600 - Phys/Pharm Vascular Cells **STUDENT REC TITLE:** PhysPharm Vascular Cells **EFFECTIVE:** Fall 2012 **COURSE DESC:** Physiological steady state and pharmacological properties of vascular cells circulating erythrocytes, endothelial cells, and smooth muscle cells in particular as a basis of pathophysiologic aberrations and clinical disorders. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHA 870

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2642 **STATUS:** Complete **CREATOR:** Erik Banks **CREATED:** 4/7/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PHL213 - Theories of Knowledge **STUDENT REC TITLE:** Theories of Knowledge **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of the important theories concerning the origin, structure, methods, certainty, and validity of knowledge. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR EQUIV: PHL 696
	VERSION: REV **COURSE:** PHL5140 - Theories of Knowledge **STUDENT REC TITLE:** Theories of Knowledge **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of philosophical theories of knowledge from ancient times to the present. Readings vary but may include: Plato, Descartes, Hume, Kant, Russell, Moore, Gettier, Nozick, Bonjour, Quine, Kripke, Putnam and Williamson. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PHL 696

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2640 **STATUS:** Complete **CREATOR:** Erik Banks **CREATED:** 4/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** PHL305 - American Philosophy **STUDENT REC TITLE:** American Philosophy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of American philosophy from Jonathan Edwards to John Dewey, including Transcendentalism (Emerson, Thoreau), Idealism (Royce), Pragmatism (Peirce, James), and Naturalism (Santayana, Dewey). **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture
	VERSION: REV **COURSE:** PHL5100 - American Philosophy **STUDENT REC TITLE:** American Philosophy **EFFECTIVE:** Fall 2012 **COURSE DESC:** A look at the American Pragmatist tradition from Peirce, James and Dewey to more recent American philosophers such as Quine, Davidson, Putnam and Rorty. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2627 **STATUS:** Complete **CREATOR:** Erik Banks **CREATED:** 4/6/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** PHL308 - Survey- Analytical Philosophy **STUDENT REC TITLE:** Survey- Analytical Philosophy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Major developments in last 100 years from Frege and early views of Moore and Russell; through logical atomism (Russell; Wittgenstein) and logical positivism (Schlick; Carnap; Ayer), to more recent views of such figures as Wittgenstein and Quine. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture
	VERSION: REV **COURSE:** PHL5060 - Analytic Philosophy **STUDENT REC TITLE:** Analytic Philosophy **EFFECTIVE:** Fall 2012 **COURSE DESC:** A survey of the analytic tradition including philosophers such as Frege, Russell, Wittgenstein, Carnap, Quine, Davidson, Kripke, Putnam, Nagel and others. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2646 **STATUS:** Complete **CREATOR:** Erik Banks **CREATED:** 4/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** PHL351 - Grt Scntsts & Rcnt Philosopher **STUDENT REC TITLE:** Grt Scntsts & Rcnt Philosopher **EFFECTIVE:** Spring 2010 **COURSE DESC:** Examination of philosophical importance of the theories of evolution, psychoanalysis, dialectical materialism, and space-time relativity. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture
	VERSION: REV **COURSE:** PHL5510 - Philosophy and Scientific Revolutions **STUDENT REC TITLE:** Scientific Revolutions **EFFECTIVE:** Fall 2012 **COURSE DESC:** A look at dramatic paradigm shifts in the history of science including Newton, Einstein, Darwin, quantum theory and emerging ideas today. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2644 **STATUS:** Complete **CREATOR:** Erik Banks **CREATED:** 4/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** PHL425 - Philosophy of Language **STUDENT REC TITLE:** Philosophy of Language **EFFECTIVE:** Spring 2010 **COURSE DESC:** An introduction to different theories of meaning, to different theories of signs, and to the problems of ambiguity, vagueness, denotation, connotation, and metaphor. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture
	VERSION: REV **COURSE:** PHL5150 - Philosophy of Language and Logic **STUDENT REC TITLE:** Philosophy of Language **EFFECTIVE:** Fall 2012 **COURSE DESC:** A study of major issues such as sense and reference, theories of meaning and truth, language games, nature of grammar and syntax, language and thought. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2629 **STATUS:** Complete **CREATOR:** Erik Banks **CREATED:** 4/6/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** PHL495 - Metaphysics **STUDENT REC TITLE:** Metaphysics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Investigation of classical and contemporary attempts to develop a theory of the nature of being and reality. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR EQUIV: PHL 695
	VERSION: REV **COURSE:** PHL5130 - Metaphysics **STUDENT REC TITLE:** Metaphysics **EFFECTIVE:** Fall 2012 **COURSE DESC:** An examination of topics such as: the problem of universals, free will and determinism, the nature of abstract entities like numbers, the problem of identity and individuation, the nature of time and cause and effect and the realism and anti-realism debate. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PHL 695

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5351 **STATUS:** Complete **CREATOR:** Linda Farmer **CREATED:** 9/20/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5010 - Ancient Philosophy **STUDENT REC TITLE:** Ancient Philosophy **EFFECTIVE:** Fall 2012 **COURSE DESC:** History of philosophy from the Pre-Socratics to Neo-Platonism. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: CLS 5500, PHL 3010, CLS 3500

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5361 **STATUS:** Complete **CREATOR:** Linda Farmer **CREATED:** 9/20/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5020 - Medieval Philosophy **STUDENT REC TITLE:** Medieval Philosophy **EFFECTIVE:** Fall 2012 **COURSE DESC:** History of philosophy from Augustine to Ockham. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PHL 3020

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5354 **STATUS:** Complete **CREATOR:** Linda Farmer **CREATED:** 9/20/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5030 - Modern Philosophy **STUDENT REC TITLE:** Modern Philosophy **EFFECTIVE:** Fall 2012 **COURSE DESC:** History of philosophy from Descartes to Kant. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PHL 3030

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3297 **STATUS:** Complete **CREATOR:** Donovan Miyasaki **CREATED:** 5/18/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5050 - 19th Century Philosophy **STUDENT REC TITLE:** 19th Century Philosophy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of 19th century European philosophy. Topics include the idealist rejection of materialism by Hegel and Schopenhauer, Kierkegaard and Nietzsches critique of rationalism on behalf of concrete existence, and Marxs synthesis of idealisms optimism about humanitys ability to shape its world and a commitment to action over thought. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3304 **STATUS:** Complete **CREATOR:** Donovan Miyasaki **CREATED:** 5/18/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5090 - Existentialism **STUDENT REC TITLE:** Existentialism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to 20th century philosophical and literary movement which, rooted in traditional questions of freedom and moral responsibility, breaks dramatically with the past in its emphasis on concrete existence and the passions over abstract rationality, its conception of self as a product of radically free acts of self-creation, its affirmation of uncertainty and absurdity as inescapable elements of the human condition, and its rejection of traditional ethical systems. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Recitation Combination REP HRS: 0 REP TIMES: 0 XLIST: REL 5940

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4955 **STATUS:** Complete **CREATOR:** Scott Wilson **CREATED:** 9/9/10 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** REV **COURSE:** PHL5120 - History of Ethics **STUDENT REC TITLE:** History of Ethics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the development of ethical philosophy through a detailed investigation of such figures as Plato, Aristotle, Hobbes, Butler, Hume, Kant, Mill, and Nietzsche. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3299 **STATUS:** Complete **CREATOR:** Donovan Miyasaki **CREATED:** 5/18/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5310 - Modern Political Philosophy **STUDENT REC TITLE:** Modern Political PHL **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to classic texts and thinkers in political philosophy from the 16th century to the present. Topics include the foundations of society, theories of justice and rights, the concept of property, and the defense and critique of liberalism, democracy, socialism, and libertarianism. Readings may include Machiavelli, Hobbes, Locke, Hume, Rousseau, Smith, Mill, Marx, Nozick, Rawls, and Nussbaum. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3300 **STATUS:** Complete **CREATOR:** Donovan Miyasaki **CREATED:** 5/18/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5320 - 20th Century Political Philosophy **STUDENT REC TITLE:** 20th C Political PHL **EFFECTIVE:** Fall 2012 **COURSE DESC:** A close study of major thinkers in 20th century political philosophy. Topics vary, focusing on one or more themes such as rights, democracy, liberalism, pluralism, secularism, tolerance, torture, terrorism, or totalitarianism. Readings from thinkers such as Hannah Arendt, Herbert Marcuse, Jürgen Habermas, Michel Foucault, Jacques Derrida, John Rawls, Richard Rorty, G. A. Cohen, Alasdair MacIntyre, Charles Taylor, Martha Nussbaum, and Giorgio Agamben. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3301 **STATUS:** Complete **CREATOR:** Donovan Miyasaki **CREATED:** 5/18/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5410 - Aesthetics and Philosophy of Art **STUDENT REC TITLE:** Aesthetics and PHL Art **EFFECTIVE:** Fall 2012 **COURSE DESC:** An examination of theories of art and beauty, considering questions such as: is fine art different from craft or entertainment? Are there objective standards of artistic value? Is arts purpose to express emotion, communicate truth, or produce pleasure? Do ethical flaws affect artistic value? Considers a variety of ways of interpreting, evaluating, and appreciating artworks, in order to develop a richer sense of what art is and why we value it. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5356 **STATUS:** Complete **CREATOR:** Linda Farmer **CREATED:** 9/20/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5650 - Theories of Human Nature **STUDENT REC TITLE:** Human Nature **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theories of human nature. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PHL 3650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2649 **STATUS:** Complete **CREATOR:** Erik Banks **CREATED:** 4/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** PHL667 - Philosophy of Mind **STUDENT REC TITLE:** Philosophy of Mind **EFFECTIVE:** Spring 2010 **COURSE DESC:** Classical and contemporary approaches to such issues as the nature of mind, relationships of mind to body, knowledge of other minds, intentionality, perception, and agency. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHL 667
	VERSION: REV **COURSE:** PHL5670 - Philosophy of Mind **STUDENT REC TITLE:** Philosophy of Mind **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies central issues in the philosophy of mind including mind and brain, identity theory, nature of consciousness and qualia, intentionality, agency and other special topics. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PHL 667

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5358 **STATUS:** Complete **CREATOR:** Linda Farmer **CREATED:** 9/20/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5830 - Faith and Reason **STUDENT REC TITLE:** Faith & Reason **EFFECTIVE:** Fall 2012 **COURSE DESC:** Issues in the philosophy of religion. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PHL 3830, REL 3930, REL 5930

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5631 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 9/28/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PHL5900 - Topics in Philosophy of Religion **STUDENT REC TITLE:** Topics in Phil of Religi **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of selected topics related to the philosophy of religion. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Restricted to students at the following level: Graduate. XLIST: REL 5900

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5349 **STATUS:** Complete **CREATOR:** Linda Farmer **CREATED:** 9/20/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PHL601 - Major Philosophers **STUDENT REC TITLE:** Major Philosophers **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the major writings of the outstanding philosophers. Involves presentation and critical examination of the philosophers' views. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHL 601
	VERSION: REV **COURSE:** PHL6010 - Major Philosophers **STUDENT REC TITLE:** Major Philosophers **EFFECTIVE:** Fall 2012 **COURSE DESC:** In-depth study of the works of a major philosopher. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PHL 4010 QTR EQUIV: PHL 601

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3302 **STATUS:** Complete **CREATOR:** Donovan Miyasaki **CREATED:** 5/18/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PHL6020 - Seminar in Continental Philosophy **STUDENT REC TITLE:** Continental PHL Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** A focused, in-depth study of a narrow theme or topic in the continental and European philosophical traditions. Topics vary, but will focus on an issue in phenomenology, hermeneutics, critical theory, psychoanalytic theory, or continental social and political philosophy. Readings will focus on a small number of thinkers in the tradition, including philosophers such as Husserl, Heidegger, Merleau-Ponty, Levinas, Adorno, Benjamin, Marcuse, Foucault, Habermas, and Freud. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2653 **STATUS:** Complete **CREATOR:** Erik Banks **CREATED:** 4/7/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** PHL642 - Philosophy and Literature **STUDENT REC TITLE:** Philosophy and Literature **EFFECTIVE:** Spring 2010 **COURSE DESC:** Examination of philosophical ideas found in literature, philosophical interpretations of literature, and evaluations of theories and aesthetics of literature. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHL 642
	VERSION: REV **COURSE:** PHL6240 - Literature and Philosophy **STUDENT REC TITLE:** Literature and Philos. **EFFECTIVE:** Fall 2012 **COURSE DESC:** A study of literary texts with strong philosophical themes such as philosophy and tragedy or philosophy of science fiction. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. QTR EQUIV: PHL 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4493 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 8/16/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** PHL6810 - independent Study **STUDENT REC TITLE:** independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Faculty-directed, individualized study on student-selected topics. Limited to advanced students. Permission of faculty and a minimum 3.5 GPA required. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 12 REP TIMES: 4 ADD INFO: Department permission required.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3074 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY615 - Physics Instrumentation I **STUDENT REC TITLE:** Physics Instrumentation I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Physics laboratory experiments with an emphasis on electrical measurements and electronic instruments. Lectures on circuit theory, experiment design, and electronic instruments. 1.5 hours lecture, 3 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 615L
	VERSION: CURR **COURSE:** PHY615L - Physics Instrumentation Lab I **STUDENT REC TITLE:** Physics Instrumentation Lab I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Required laboratory for PHY 615. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 615L
	VERSION: CURR **COURSE:** PHY616 - Physics Instrumentation II **STUDENT REC TITLE:** Physics Instrumentation II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Experiments emphasizing electronic instruments applied to areas such as mechanics, atomic physics, and nuclear physics. Lectures on applications of integrated circuits to experimentation, data analysis, and data presentation. 1.5 hours lecture, 3 hours lab. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 615L
	VERSION: CURR **COURSE:** PHY616L - Physics Instrumentation II Lab **STUDENT REC TITLE:** Physics Instrumentation II Lab **EFFECTIVE:** Fall 2010 **COURSE DESC:** Required laboratory for PHY 616. **COLLEGE:** College of Science & Math

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3074 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 10/18/10 WorkFlow	**CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 615L
	VERSION: REV **COURSE:** PHY5150 - Physics Instrumentation Lab **STUDENT REC TITLE:** Physics Instrument Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Familiarity with the fundamentals of analog electronics as applied to scientific instrumentation. Ability to converse with electronic technicians professionally. Ability to build prototype circuits and test their operation. Familiarity with a few sensors and with methods of signal to noise enhancement. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: -Undergraduate students in the corresponding undergraduate course may be held to a lesser standard for completeness of evaluated work than graduates and/or undergraduates may be assigned less challenging problems than graduates. -Not available for credit toward the Physics MS nor Physics MST XLIST: PHY 3150 QTR EQUIV: PHY 615L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3076 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY622 - Applied Optics **STUDENT REC TITLE:** Applied Optics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Study of optical instruments by means of both geometric and physical optics. Theory and applications of interferometry and light detection devices. Brief introduction to lasers and holography. 4 hours lab for five weeks, 3 hours lecture. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 622
	VERSION: REV **COURSE:** PHY5220 - Optics **STUDENT REC TITLE:** Optics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of optics using geometric and physical optics. Theory and applications of interferometry and light detection devices. Study of optical instruments. Brief introduction to lasers and holography. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Not available for credit toward the required credit hours of the Physics MS nor MST SEM PREREQ: none XLIST: PHY 3220, EP 5220 QTR EQUIV: PHY 622

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6809 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 1/6/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** PHY5500 - Advanced Physics Laboratory - I **STUDENT REC TITLE:** Advanced Physics Lab - I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory projects designed to introduce the participant to modern physics laboratory techniques by doing standard measurements or reproducing historic experiments. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: must be enrolled in one of the following: Graduate ADD INFO: Not available for credit toward the Physics MS nor Physics MST SEM PREREQ: PHY5150 or equivalent

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3087 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** PHY5510 - Advanced Physics Laboratory - II **STUDENT REC TITLE:** Advanced Physics Lab - 2 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Laboratory projects designed to introduce the participant to modern physics laboratory techniques by doing standard measurements or reproducing historic experiments. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing ADD INFO: -Not available for credit applied to the Physics MS degree -Required for the Physics MST unless waived by the Dept. -Prerequisite can be waived for MST candidates by the instructor. SEM PREREQ: PHY5500 XLIST: PHY 3510

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7753 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/3/11 **APPROVED:** 6/17/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY671 - Analytical Mechanics I **STUDENT REC TITLE:** Analytical Mechanics I **EFFECTIVE:** Spring 2011 **COURSE DESC:** Intermediate problems in statics, kinematics, and dynamics; the study of equilibrium of forces, rectilinear motion, curvilinear motion, central forces, constrained motion, energy and moments of inertia; and the Lagrange method. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 672
	VERSION: CURR **COURSE:** PHY672 - Analytical Mechanics II **STUDENT REC TITLE:** Analytical Mechanics II **EFFECTIVE:** Spring 2011 **COURSE DESC:** Intermediate problems in statics, kinematics, and dynamics; the study of equilibrium of forces, rectilinear motion, curvilinear motion, central forces, constrained motion, energy and moments of inertia; and the Lagrange method. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 672
	VERSION: REV **COURSE:** PHY5710 - Mechanics **STUDENT REC TITLE:** Mechanics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intermediate problems in statics, kinematics, and dynamics; the study of equilibrium of forces, rectilinear motion, curvilinear motion, central forces, constrained motion, energy and moments of inertia; and the Lagrange method. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PHY 3710 QTR EQUIV: PHY 672

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6810 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 1/6/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY599 - Spec Problem in Physics **STUDENT REC TITLE:** Spec Problem in Physics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Special topics, problems or research designed for specific needs and talents of the student. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 599
	VERSION: REV **COURSE:** PHY5990 - Spec Problem in Physics **STUDENT REC TITLE:** Spec Problem in Physics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Special topics, problems or research designed for specific needs, talents, or interest of the student. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Permission of the instructor. ADD INFO: Not intended to advance the students degree. Degree seeking students should use PHY799. Does not count toward the credits required for the MS not MST degrees. SEM PREREQ: none QTR EQUIV: PHY 599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
913 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 12/9/09 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY600 - Intro-Semiconductor Materials **STUDENT REC TITLE:** Intro-Semiconductor Materials **EFFECTIVE:** Spring 2010 **COURSE DESC:** Study of crystal structure; selected topics in quantum theory; electron band structure; charge carriers in semiconductors; generation, recombination, and motion of charge carriers; electrical and optical properties; and structure and characteristics of p-n junctions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 600 QTR EQUIV: PHY 601
	VERSION: CURR **COURSE:** PHY601 - Semiconductor Device Physics **STUDENT REC TITLE:** Semiconductor Device Physics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Covers the structure and characteristics of bipolar transistors, field effect transistors, and other selected devices. Design and computer modeling of devices. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 600 QTR EQUIV: PHY 601
	VERSION: REV **COURSE:** PHY6000 - Physics of Semiconductor Materials and Device **STUDENT REC TITLE:** Semiconductor Physics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of crystal structure; electronic band structure; charge carriers in semiconductors; generation, recombination, and motion of charge carriers; electrical and optical properties. Covers structure and characteristics of p-n junctions; bipolar transistors; field effect transistors; and other selected devices. Design and computer modeling of devices. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
913 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 12/9/09 **APPROVED:** 11/30/10 WorkFlow	XLIST: PHY 4000, EP 6000 QTR PREREQ: PHY 600 QTR EQUIV: PHY 601

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3073 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY610 - Laboratory Arts & Techniques **STUDENT REC TITLE:** Laboratory Arts & Techniques **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to hand and machine tools in the fabrication of laboratory equipment. Emphasis is on a "hands-on" approach. Practical experiences are given in vacuum and soldering technology involving commonly utilized materials. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 610
	VERSION: REV **COURSE:** PHY6100 - Physics Laboratory Techniques **STUDENT REC TITLE:** Physics Lab Techniques **EFFECTIVE:** Fall 2012 **COURSE DESC:** Proficiency with general laboratory and measurement techniques, knowledge of physical sensors and data reduction techniques. Application to simple physical systems. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: none QTR EQUIV: PHY 610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3013 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/3/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY627 - Physics of Remote Sensing **STUDENT REC TITLE:** Physics Remote Sensing **EFFECTIVE:** Spring 2010 **COURSE DESC:** Purpose and motivation for remote sensing; spectral temporal, spatial, and radiometric characteristics and resolution issues; propagation of electromagnetic energy; optics; atmospheric effects; immage collecton and quality; sensor perforamnce measures; platforms and orbis **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PHY 627
	VERSION: REV **COURSE:** PHY6270 - Physics of Remote Sensing **STUDENT REC TITLE:** Physics - Remote Sensing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Purpose and motivation for remote sensing; spectral temporal, spatial, and radiometric characteristics and resolution issues; propagation of electromagnetic energy; optics; atmospheric effects; image collection and quality; sensor performance measures; platforms and orbits **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing XLIST: PHY 4270 QTR EQUIV: PHY 627

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3077 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY632 - Lasers **STUDENT REC TITLE:** Lasers **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the physics of lasers including emission and absorption processes in lasing, the factors controlling laser gain, the properties of optical resonators, and a survey of salient features for principal types of lasers. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 632
	VERSION: REV **COURSE:** PHY6320 - Lasers **STUDENT REC TITLE:** Lasers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the physics of lasers including emission and absorption processes in lasing, the factors controlling laser gain, the properties of optical resonators, and a survey of salient features for principal types of lasers. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 632

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
914 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 12/9/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY640 - Nanoengineering and Nanoscience **STUDENT REC TITLE:** Nanoegr and Nanosci **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to nanoengineering, nanoscience and nanotechnology. Topics include introduction to quantum mechanics, fabrication, characterization, materials, electronic properties, optical properties, magnetic properties, devices, MEMS, NEMS. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 240 and PHY 242 and PHY 244 and MTH 233 QTR EQUIV: PHY 640
	VERSION: REV **COURSE:** PHY6400 - Nanoscience and Nanotechnology **STUDENT REC TITLE:** Nanosci. and Nanotech. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to nanoengineering, nanoscience and nanotechnology. Topics include introduction to quantum mechanics, fabrication, characterization, materials, electronic properties, optical properties, magnetic properties, devices, MEMS, NEMS. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: EE 6400, PHY 4400 QTR PREREQ: PHY 240 and PHY 242 and PHY 244 and MTH 233 QTR EQUIV: PHY 640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7377 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** REV **COURSE:** PHY6430 - Analysis and Prediction of Complex Natural and Human Systems **STUDENT REC TITLE:** Complex Nat. Systems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores quantitative analysis and probabilistic forecasting of the behavior of complex nonlinear natural and human systems. Methods of analysis included fractals to quantify spatial, size, and temporal scaling and chaos to study sensitivity to initial conditions and feedback. Modeling includes self-organization and cellular automata. Systems studied include seismology, chemistry, biochemistry, hydrology, medicine, geography, and coupled human and natural systems. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: graduate standing

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2739 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/12/10 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY645 - Integrating Phy Sci & Math I **STUDENT REC TITLE:** Integrating Phy Sci & Math I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Integration of physics and mathematics, fulfilling science and math standards, physics education issues, inquiry teaching practices, and assessment will be addressed in the context of science and math process skills, measurement, and properties of matter. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 245 or PHY 240 QTR EQUIV: PHY 646
	VERSION: CURR **COURSE:** PHY646 - Integrating Phy Sci & Math II **STUDENT REC TITLE:** Integrating Phy Sci & Math II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Integration of physics and mathematics, science and math standards, physics education issues, inquiry teaching, assessment and technology will be addressed in the context of kinematics, forces and energy transfers. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Physics - MST Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 245 or PHY 240 QTR EQUIV: PHY 646
	VERSION: REV **COURSE:** PHY6450 - Integrating Phy Sci & Math I **STUDENT REC TITLE:** Integ Phy Sci & Math I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Integration of physics and mathematics, fulfilling science and math standards, physics education issues, inquiry teaching practices, and assessment. Application of these to science and math process skills, measurement, and properties of matter, kinematics, forces and energy transfers. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2739 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/12/10 **APPROVED:** 4/12/11 WorkFlow	Must be enrolled in one of the following programs: Physics MST, SM Integrated Science SEM PREREQ: none XLIST: PHY 4450 QTR PREREQ: PHY 245 or PHY 240 QTR EQUIV: PHY 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2741 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/12/10 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY646 - Integrating Phy Sci & Math II **STUDENT REC TITLE:** Integrating Phy Sci & Math II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Integration of physics and mathematics, science and math standards, physics education issues, inquiry teaching, assessment and technology will be addressed in the context of kinematics, forces and energy transfers. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Physics - MST Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PHY 646 QTR EQUIV: PHY 647
	VERSION: CURR **COURSE:** PHY647 - Integrating Phy Sci & Math III **STUDENT REC TITLE:** Integrating Phy Sci & Math III **EFFECTIVE:** Spring 2010 **COURSE DESC:** Integration of physics and mathematics, science and math standards, physics education issues, inquiry teaching, assessment, technology will be addressed in the context of electricity, magnetism, waves, optics. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Physics - MST Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PHY 646 QTR EQUIV: PHY 647
	VERSION: REV **COURSE:** PHY6460 - Integrating Phy Sci & Math II **STUDENT REC TITLE:** Int. Phy Sci & Math II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Integration of physics and mathematics, fulfilling science and math standards, physics education issues, inquiry teaching practices, and assessment. Applications of these to electricity, magnetism, waves, and optics. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Physics - MST, SM Integrated Science Program

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2741 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/12/10 **APPROVED:** 4/12/11 WorkFlow	Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PHY6450 with a minimum grade of D XLIST: PHY 4560 QTR PREREQ: Graduate level PHY 646 QTR EQUIV: PHY 647

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3080 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY650 - Electricity and Magnetism **STUDENT REC TITLE:** Electricity and Magnetism **EFFECTIVE:** Fall 2010 **COURSE DESC:** Fundamental laws of electricity and magnetism presented from the viewpoint of field theory. Maxwell's equations, transient and steady state currents, electric and magnetic properties of matter, and electromagnetic radiation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 242 QTR EQUIV: PHY 651
	VERSION: CURR **COURSE:** PHY651 - Electricity and Magnetism **STUDENT REC TITLE:** Electricity and Magnetism **EFFECTIVE:** Fall 2010 **COURSE DESC:** Fundamental laws of electricity and magnetism presented from the viewpoint of field theory. Maxwell's equations, transient and steady state currents, electric and magnetic properties of matter, and electromagnetic radiation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 242 QTR EQUIV: PHY 651
	VERSION: REV **COURSE:** PHY6500 - Electricity and Magnetism **STUDENT REC TITLE:** Electricity and Magnet **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamental laws of electricity and magnetism presented from the viewpoint of field theory. Maxwell's equations, transient and steady state currents, electric and magnetic properties of matter, and electromagnetic radiation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: -Not available for credit toward the Physics MS nor Physics MST SEM PREREQ: none XLIST: PHY 4500 QTR PREREQ: PHY 242

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3080 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 10/29/10 WorkFlow	QTR EQUIV: PHY 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3082 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY651 - Electricity and Magnetism **STUDENT REC TITLE:** Electricity and Magnetism **EFFECTIVE:** Fall 2010 **COURSE DESC:** Fundamental laws of electricity and magnetism presented from the viewpoint of field theory. Maxwell's equations, transient and steady state currents, electric and magnetic properties of matter, and electromagnetic radiation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PHY 651 QTR EQUIV: PHY 652
	VERSION: CURR **COURSE:** PHY652 - Electricity and Magnetism **STUDENT REC TITLE:** Electricity and Magnetism **EFFECTIVE:** Fall 2010 **COURSE DESC:** Fundamental laws of electricity and magnetism presented from the viewpoint of field theory. Maxwell's equations, transient and steady state currents, electric and magnetic properties of matter, and electromagnetic radiation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PHY 651 QTR EQUIV: PHY 652
	VERSION: REV **COURSE:** PHY6510 - Electricity and Magnetism **STUDENT REC TITLE:** Electricity & Magnetism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Fundamental laws of electricity and magnetism presented from the viewpoint of field theory. Maxwell's equations, transient and steady state currents, electric and magnetic properties of matter, and electromagnetic radiation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: -Not available for credit toward the Physics MS -Required for the Physics MST -May be waived for MST candidates by the department SEM PREREQ: PHY6500

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3082 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 2/24/11 WorkFlow	XLIST: PHY 4510 QTR PREREQ: Graduate level PHY 651 QTR EQUIV: PHY 652

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3083 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY660 - Intro to Quantum Mechanics **STUDENT REC TITLE:** Intro to Quantum Mechanics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Mathematical structure of quantum mechanics. Applications to selected one- and three-dimensional problems with emphasis on atomic structure. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 260 and PHY 372 and MTH 333
	VERSION: REV **COURSE:** PHY6600 - Introduction to Quantum Mechanics I **STUDENT REC TITLE:** Intro to Quantum Mech I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the ideas and methods of the quantum mechanics. Applications to selected one- and three-dimensional problems with emphasis on atomic structure. Analysis of quantum mechanical spin and angular momentum. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: -Required for the Physics MST -May be waived for MST candidates by the department SEM PREREQ: none XLIST: PHY 4600 QTR PREREQ: PHY 260 and PHY 372 and MTH 333

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2631 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/7/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY661 - Intro to Solid State Physics **STUDENT REC TITLE:** Intro to Solid State Physics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Selected properties of solids and their quantitative explanation in terms of simple physical models. Applications of quantum mechanics to solids. 3 hours lecture, 2 hours lab **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 260 and MTH 233 QTR EQUIV: PHY 661
	VERSION: REV **COURSE:** PHY6630 - Intro to Solid State Physics **STUDENT REC TITLE:** Intro to Sol. State Phys **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected properties of solids and their quantitative explanation in terms of simple physical models. Applications of quantum mechanics to solids. 3 hours lecture, **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: none XLIST: PHY 4630 QTR PREREQ: PHY 260 and MTH 233 QTR EQUIV: PHY 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3084 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** REV **COURSE:** PHY6610 - Introduction to Quantum Mechanics II **STUDENT REC TITLE:** Intro to Quantum Mech II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the ideas and methods of the quantum mechanics. Applications to selected one- and three-dimensional problems with emphasis on atomic structure. Analysis of quantum mechanical spin and angular momentum. Continuation of PHY6600 **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing ADD INFO: -Required for the Physics MST -May be waived for MST candidates by the department SEM PREREQ: PHY 6600 XLIST: PHY 4610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3088 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/6/10 **APPROVED:** 11/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY662 - Intr-Nuclear Phys & Relativity **STUDENT REC TITLE:** Intr-Nuclear Phys & Relativity **EFFECTIVE:** Fall 2010 **COURSE DESC:** Special theory of relativity. Nuclear radiation, nuclear properties, nuclear transformations, and elementary particles and interactions. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PHY 660
	VERSION: REV **COURSE:** PHY6620 - Nuclear and Particle Physics **STUDENT REC TITLE:** Nucl. & Particle Phys. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Nuclear radiation, nuclear properties, nuclear transformations, and elementary particles and interactions. Relativistic energy relationships. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PHY 6600 XLIST: PHY 4620 QTR PREREQ: Graduate level PHY 660

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2633 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/7/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY673 - Mathematical Physics **STUDENT REC TITLE:** Mathematical Physics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Survey of the field of mathematical physics including vector analysis, analytical mechanics, electromagnetism, and thermodynamics. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 673
	VERSION: REV **COURSE:** PHY6730 - Mathematical Physics **STUDENT REC TITLE:** Mathematical Physics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of mathematical physics including vector analysis, tensor analysis, calculus of several variables, ordinary and partial differential equations, integral equations, theory of distributions. Ability to apply these to mechanics, electromagnetism, and thermodynamics, and quantum mechanics. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PHY 4730 QTR EQUIV: PHY 673

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2562 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/1/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY680 - Intro to Theoretical Physics **STUDENT REC TITLE:** Intro to Theoretical Physics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Classical theoretical physics with emphasis on mechanics, electromagnetic field theory, and mathematical techniques. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 680
	VERSION: REV **COURSE:** PHY6800 - Classical Mechanics **STUDENT REC TITLE:** Classical Mechanics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Classical theoretical mechanics with emphasis on the mathematical basis of Lagrangian and Hamiltonian systems, and rotational dynamics. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None XLIST: PHY 4800 QTR EQUIV: PHY 680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2554 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/1/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY681 - Intro to Theoretical Physics **STUDENT REC TITLE:** Intro to Theoretical Physics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Classical theoretical physics with emphasis on mechanics, electromagnetic field theory, and mathematical techniques. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 682
	VERSION: CURR **COURSE:** PHY682 - Intro-Theoretical Physics **STUDENT REC TITLE:** Intro-Theoretical Physics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Classical theoretical physics with emphasis on mechanics, electromagnetic field theory, and mathematical techniques. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 682
	VERSION: REV **COURSE:** PHY6810 - Electromagnetic Theory - I **STUDENT REC TITLE:** Electromag. Theory - I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Electromagnetic field theory emphasizing static and time dependent fields, field sources, and boundary value problems using advanced mathematical techniques. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PHY 4810 QTR EQUIV: PHY 682

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7372 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 5/3/11 WorkFlow	**VERSION:** REV **COURSE:** PHY6820 - Electromagnetic Theory II **STUDENT REC TITLE:** Electromagnetic Th. II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Understanding of formal Electromagnetic Theory including application of multipole treatments in Electro- and Magneto-statics, applications of relativity, and application of Maxwells equations to particular physical systems. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: PHY 6810

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1148 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 12/18/09 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY683 - Statistical Mechanics **STUDENT REC TITLE:** Statistical Mechanics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to microscopic and macroscopic physical systems developed from concepts of statistical physics. Application to classical and quantum systems, will be presented as well as theories of phase transitions, critical phenomena and fluctuations. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PHY 683
	VERSION: REV **COURSE:** PHY6830 - Statistical Mechanics **STUDENT REC TITLE:** Statistical Mechanics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to microscopic and macroscopic physical systems developed from concepts of statistical physics. Application to classical and quantum systems will be presented as well as theories of phase transitions, critical phenomena and fluctuations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate XLIST: PHY 4830 QTR EQUIV: PHY 683

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2734 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/12/10 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY699 - Physical Science For Teachers Special Topics **STUDENT REC TITLE:** Spec Topics: Phy Teachers **EFFECTIVE:** Spring 2010 **COURSE DESC:** Physical science topics for teachers. Topics vary by year. Applicable to grades 3-12 teachers. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PHY 699
	VERSION: REV **COURSE:** PHY6990 - Special Topics in Physical Science For Teachers **STUDENT REC TITLE:** Spec. Top. Phy Teachers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Physical science topics for teachers. Topics vary by year. Applicable to grades 3-12 teachers or to the MST capstone experience according to section. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 999 REP TIMES: 0 RESTRICTION: Graduate Standing. Must be in the MST or a teacher licensure program ADD INFO: Required for the MST degree At most 6 credits are applicable to those credits required for the MST. Not applicable toward the credits required of the Physics MS. 3-12 teachers and MST students are in separate sections SEM PREREQ: none QTR EQUIV: PHY 699

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7373 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 4/13/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY700 - Principles of Instruction-Phys **STUDENT REC TITLE:** Principles of Instruction-Phys **EFFECTIVE:** Spring 2011 **COURSE DESC:** Survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction. For physics majors only or departmental approval required. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Physics
	VERSION: REV **COURSE:** PHY7000 - Principles of Instruction-Phys Lab. **STUDENT REC TITLE:** Prin. of Instr-Phys. Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of available instructional materials and discussion of educational theory and techniques leading to more effective instruction in the physics laboratory. For physics majors only or departmental approval required. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Physics

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3492 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/26/10 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY704 - Philosophy of Physics **STUDENT REC TITLE:** Philosophy of Physics **EFFECTIVE:** Fall 2010 **COURSE DESC:** The various areas of physics are studied with regard to their historical and philosophical basis in modern physical theory. Consent of the department required. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 706
	VERSION: CURR **COURSE:** PHY705 - Philosophy of Physics **STUDENT REC TITLE:** Philosophy of Physics **EFFECTIVE:** Fall 2010 **COURSE DESC:** The various areas of physics are studied with regard to their historical and philosophical basis in modern physical theory. Consent of the department required. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 706
	VERSION: CURR **COURSE:** PHY706 - Philosophy of Physics **STUDENT REC TITLE:** Philosophy of Physics **EFFECTIVE:** Fall 2010 **COURSE DESC:** The various areas of physics are studied with regard to their historical and philosophical basis in modern physical theory. Consent of the department required. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 706
	VERSION: REV **COURSE:** PHY7040 - Topics in the Philosophy of Physics **STUDENT REC TITLE:** Philosophy of Physics **EFFECTIVE:** Fall 2012 **COURSE DESC:** The various overarching ideas in physics that give unity to the subject.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3492 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/26/10 **APPROVED:** 4/12/11 WorkFlow	Historical bases of these ideas are included. Topics include but are not limited to the experimental basis of physics, fundamental limits on measuring and of knowing, the physical nature of the cosmos, determinism, relativity, the quantum - continuum transition, the nature of space and time, entropy (H theorem) , Bell's theorem, Liouville's theorem. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Instructor permission required. ADD INFO: No more than 3 credits may be applied to the Physics MS or MST degrees QTR EQUIV: PHY 706

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2634 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/7/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY710 - Quantum Mechanics **STUDENT REC TITLE:** Quantum Mechanics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to nonrelativistic quantum mechanics. Schroedinger's equation. Matrix mechanics. Applications to simple atomic and nuclear systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PHY 710 QTR EQUIV: PHY 711
	VERSION: CURR **COURSE:** PHY711 - Quantum Mechanics **STUDENT REC TITLE:** Quantum Mechanics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to nonrelativistic quantum mechanics. Schroedinger's equation. Matrix mechanics. Applications to simple atomic and nuclear systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PHY 710 QTR EQUIV: PHY 711
	VERSION: REV **COURSE:** PHY7100 - Quantum Mechanics-I **STUDENT REC TITLE:** Quantum Mechanics-I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of non-relativistic quantum mechanics, Schroedinger's equation and matrix mechanics. Facility with applications to atomic, molecular, nuclear, solid state, spin, and biological systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: none QTR PREREQ: Graduate level PHY 710 QTR EQUIV: PHY 711

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2635 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/7/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY711 - Quantum Mechanics **STUDENT REC TITLE:** Quantum Mechanics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to nonrelativistic quantum mechanics. Schroedinger's equation. Matrix mechanics. Applications to simple atomic and nuclear systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 712
	VERSION: CURR **COURSE:** PHY712 - Quantum Mechanics **STUDENT REC TITLE:** Quantum Mechanics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to nonrelativistic quantum mechanics. Schroedinger's equation. Matrix mechanics. Applications to simple atomic and nuclear systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 712
	VERSION: REV **COURSE:** PHY7110 - Quantum Mechanics II **STUDENT REC TITLE:** Quantum Mechanics II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuation of PHY7100. Principles of non-relativistic quantum mechanics, Schroedinger's equation and matrix mechanics. Facility with applications to atomic, molecular, nuclear, solid state, spin, and biological systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PHY 7100 with grade of D or higher QTR EQUIV: PHY 712

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7374 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** REV **COURSE:** PHY7120 - Relativistic Quantum Mechancis **STUDENT REC TITLE:** Rel. Quantum Mech. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Relativistic treatment of fields, quantum theory of radiation, relativistic treatment of spin, the Dirac equation and its solution, scattering of relativistic particles. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7349 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/7/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY720 - Statistical Physics **STUDENT REC TITLE:** Statistical Physics **EFFECTIVE:** Spring 2011 **COURSE DESC:** Laws of thermodynamics and the development of statistical mechanics. Macroscopic and microscopic applications to physical systems. Classical and quantum statistics. Fluctuation phenomena. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 720
	VERSION: REV **COURSE:** PHY7200 - Many-Body Physics **STUDENT REC TITLE:** Many-Body Physics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Consideration of many body theory in Physics including phase space evolution, Liouvilless theorem, ensembles, the Boltzman equation, the H theorem, and approach to equilibrium, fluctuation phenomena. Non-equilibrium problems **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7378 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 5/16/11 WorkFlow	**VERSION:** REV **COURSE:** PHY7210 - Complexity in Environmental Systems **STUDENT REC TITLE:** Complexity. in Env. Sys. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Mathematical methods for quantitative analysis and modeling of complex, nonlinear environmental systems. Applications of scaling in space and time, feedback, and self-organization in environmental systems including: ecology, hydrology, global climate change, and geodynamical systems. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate Standing XLIST: ES 7160, EES 7100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3486 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/26/10 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY728 - General Relativity **STUDENT REC TITLE:** General Relativity **EFFECTIVE:** Fall 2010 **COURSE DESC:** Principles of the general theory of relativity with applications to gravitation and cosmology. Review of special relativity and tensor analysis. The equivalence principle, curvature, and Einstein's field equations. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 260 and PHY 372 and PHY 452 and MTH 333 and Graduate level PHY 681 (PHY 681 can be taken concurrently) QTR EQUIV: PHY 729
	VERSION: CURR **COURSE:** PHY729 - General Relativity **STUDENT REC TITLE:** General Relativity **EFFECTIVE:** Fall 2010 **COURSE DESC:** Continuation of PHY 728. Applications of general relativity. Gravitational radiation and gravitational collapse. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PHY 260 and PHY 372 and PHY 452 and MTH 333 and Graduate level PHY 681 (PHY 681 can be taken concurrently) QTR EQUIV: PHY 729
	VERSION: REV **COURSE:** PHY7280 - Topics in General Relativity **STUDENT REC TITLE:** General Relativity **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles of the general theory of relativity with applications to gravitation and cosmology. Review of special relativity and tensor analysis. The equivalence principle, curvature, and Einstein's field equations. Introduction to differential geometry. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: No more than 6 credits may be applied to the Physics MS or MST degrees SEM PREREQ: PHY6800, 6810

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3486 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/26/10 **APPROVED:** 4/12/11 WorkFlow	QTR PREREQ: PHY 260 and PHY 372 and PHY 452 and MTH 333 and Graduate level PHY 681 (PHY 681 can be taken concurrently) QTR EQUIV: PHY 729

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3487 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/26/10 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY730 - Solid State Physics **STUDENT REC TITLE:** Solid State Physics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the physics of solids. Lattice dynamics; thermal, electrical, and mechanical properties. Free electron and band theories of solids. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 731
	VERSION: CURR **COURSE:** PHY731 - Solid State Physics **STUDENT REC TITLE:** Solid State Physics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the physics of solids. Lattice dynamics; thermal, electrical, and mechanical properties. Free electron and band theories of solids. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 731
	VERSION: REV **COURSE:** PHY7300 - Topics in solid state physics - structure **STUDENT REC TITLE:** Solid State - structure **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics from the physics of the solid state related to structure as chosen by the instructor. These may include but are not limited to: crystallography, particle beam analysis of crystal structure, lattice dynamics, theories of specific heat and sound, defects in structures, defect dynamics, and mechanisms of mass transport. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: No more than 6 credits may be applied to the Physics MS or MST degrees QTR EQUIV: PHY 731

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3491 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/26/10 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY731 - Solid State Physics **STUDENT REC TITLE:** Solid State Physics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the physics of solids. Lattice dynamics; thermal, electrical, and mechanical properties. Free electron and band theories of solids. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 732
	VERSION: CURR **COURSE:** PHY732 - Solid State Physics **STUDENT REC TITLE:** Solid State Physics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the physics of solids. Lattice dynamics; thermal, electrical, and mechanical properties. Free electron and band theories of solids. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 732
	VERSION: REV **COURSE:** PHY7310 - Topics in solid state physics - Electromagntics **STUDENT REC TITLE:** Solid State - E&M **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics in solid state physics related to electromagnetic properties. Topics may include but are not limited to theories of electronic and spin conduction, theories of magnetism, electronic band structure, dielectric function and polarizability, theories of optical transmission and absorption, ferroelectricity, ferromagnetism, and superconductivity, spin resonance, and the mossbauer effect. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: No more than 6 credits may be applied to the Physics MS or MST degrees. QTR EQUIV: PHY 732

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6883 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 1/14/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY740 - Nuclear Physics **STUDENT REC TITLE:** Nuclear Physics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introductory methods in nuclear physics. Elementary concepts and simple considerations about nuclear forces, alpha and beta decay, nuclear structure. Phenomenological treatment of nuclear reactions and decay processes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 742
	VERSION: CURR **COURSE:** PHY741 - Nuclear Physics **STUDENT REC TITLE:** Nuclear Physics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introductory methods in nuclear physics. Elementary concepts and simple considerations about nuclear forces, alpha and beta decay, nuclear structure. Phenomenological treatment of nuclear reactions and decay processes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 742
	VERSION: CURR **COURSE:** PHY742 - Nuclear Physics **STUDENT REC TITLE:** Nuclear Physics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Introductory methods in nuclear physics. Elementary concepts and simple considerations about nuclear forces, alpha and beta decay, nuclear structure. Phenomenological treatment of nuclear reactions and decay processes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 742
	VERSION: REV **COURSE:** PHY7400 - Topics in Nuclear Methods in Physics Research **STUDENT REC TITLE:** Nucl. Methods in Physic **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics in the application of nuclear structure, nuclear processes, and

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6883 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 1/14/11 **APPROVED:** 4/12/11 WorkFlow	energy loss processes to physical measurement and research. Radiation damage. Particle scattering. Gamma, alpha and beta spectroscopy. Energy loss spectroscopies **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Graduate Standing ADD INFO: No more than 6 credits may be applied to the Physics MS or MST degrees. SEM PREREQ: PHY 6800, PHY 7100 QTR EQUIV: PHY 742

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7364 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY751 - Atomic Spectra & Structure **STUDENT REC TITLE:** Atomic Spectra & Structure **EFFECTIVE:** Spring 2011 **COURSE DESC:** Modern theory of the atom and quantum mechanical treatment of the origin of atomic and X-ray spectra. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 751
	VERSION: REV **COURSE:** PHY7510 - Topics in Atomic Spectra & Structure **STUDENT REC TITLE:** Atomic Spectra & Struct. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Modern theory of the atom and quantum mechanical treatment of the origin of atomic and X-ray spectra. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: No more than 6 credits may be applied to the Physics MS or MST degrees QTR EQUIV: PHY 751

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7361 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY752 - Molecular Spectra & Structure **STUDENT REC TITLE:** Molecular Spectra & Structure **EFFECTIVE:** Spring 2011 **COURSE DESC:** Theory of molecular spectra and structure with examination of experimental data as related to molecular spectra. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 752
	VERSION: REV **COURSE:** PHY7520 - Topics in Molecular Spectra & Structure **STUDENT REC TITLE:** Mol. Spectra & Structure **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory of molecular spectra and structure with examination of experimental data as related to molecular spectra. Applications to the detection and analysis of molecules. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: No more than 6 credits are applicable to the Physics MS or MST degrees QTR EQUIV: PHY 752

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7362 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** REV **COURSE:** PHY7530 - Topics in Ultrafast Optics **STUDENT REC TITLE:** Ultrafast Optics **EFFECTIVE:** Fall 2012 **COURSE DESC:** The science and application of ultrafast optics. The theory of the generation, propagation, and application of ultrafast laser pulses. Nonlinear optics as related to ultrafast optics. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Graduate standing ADD INFO: No more than 6 credits of this course may be applied to the Physics MS or MST degrees.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7376 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** REV **COURSE:** PHY7540 - Topics in Geophysics **STUDENT REC TITLE:** Geophysics **EFFECTIVE:** Fall 2012 **COURSE DESC:** The physics of the earths crust, and atmosphere. Applications of physical principles to such processes as fluid flow in the crust, friction with in the crust, measurements of crust structure, fluid flow in the atmosphere, interaction of the atmosphere with radiation, and weather. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: graduate standing ADD INFO: Only 6 credits may be applied to the Physics MS or MST degrees.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7379 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 5/3/11 WorkFlow	**VERSION:** REV **COURSE:** PHY7550 - Topics in Terahertz Physics **STUDENT REC TITLE:** Terahertz Physics **EFFECTIVE:** Fall 2012 **COURSE DESC:** The interaction of high frequency electromagnetic radiation with materials with emphasis on the Terahertz region of the spectrum. Ability to apply these interactions to the function and design of high frequency electronic devices and/or to molecular systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Graduate standing ADD INFO: No more than 6 credits may be applied to the Physics MS or MST degrees

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2708 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/9/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY770 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Spring 2010 **COURSE DESC:** Topics vary. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 770
	VERSION: REV **COURSE:** PHY7700 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores a topic for which no other course exists. Topics vary. Only 6 credit hours may be applied to those required for the MS degree. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Permission of the Instructor ADD INFO: The topic and instructor must be announced for the course. SEM PREREQ: none QTR EQUIV: PHY 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7375 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY780 - Plasma Physics **STUDENT REC TITLE:** Plasma Physics **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduction to plasma physics. Motion of charged particles in electric and magnetic fields. Magneto-ionic theory, continuum equations, the Vlasov equation, the Boltzmann equation, and the BBGKY equations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 782
	VERSION: CURR **COURSE:** PHY781 - Plasma Physics **STUDENT REC TITLE:** Plasma Physics **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduction to plasma physics. Motion of charged particles in electric and magnetic fields. Magneto-ionic theory, continuum equations, the Vlasov equation, the Boltzmann equation, and the BBGKY equations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 782
	VERSION: CURR **COURSE:** PHY782 - Plasma Physics **STUDENT REC TITLE:** Plasma Physics **EFFECTIVE:** Spring 2011 **COURSE DESC:** Introduction to plasma physics. Motion of charged particles in electric and magnetic fields. Magneto-ionic theory, continuum equations, the Vlasov equation, the Boltzmann equation, and the BBGKY equations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 782
	VERSION: REV **COURSE:** PHY7800 - Topics in Plasma Physics **STUDENT REC TITLE:** Plasma Physics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to plasma physics. Motion of charged particles in electric

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7375 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 2/8/11 **APPROVED:** 4/12/11 WorkFlow	and magnetic fields. Magneto-ionic theory, continuum equations, the Vlasov equation, the Boltzmann equation, and the BBGKY equations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Only 6 credits may be applied to the Physics MS or MST degrees. QTR EQUIV: PHY 782

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*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6886 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 1/14/11 **APPROVED:** 4/12/11 WorkFlow	**VERSION:** CURR **COURSE:** PHY789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Winter 2011 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 789
	VERSION: REV **COURSE:** PHY7890 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuing Registration **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 7 REP TIMES: 7 RESTRICTION: Graduate standing ADD INFO: Does not count toward the minimum credit hours required for the Physics MS or MST degrees. QTR EQUIV: PHY 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2713 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/9/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY799 - Minor problems **STUDENT REC TITLE:** Minor problems **EFFECTIVE:** Spring 2010 **COURSE DESC:** Students pursue topics on a tutorial basis. Cannot be used for thesis credit. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 799
	VERSION: REV **COURSE:** PHY7990 - Minor problems **STUDENT REC TITLE:** Minor problems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students pursue a narrow topic on a tutorial basis or be trained in a specific laboratory or computational technique. Cannot be used for thesis credit. A maximum of 6 credits may be counted toward the MS degree. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course must be declared standard or pass/fail grading in the instructors syllabus. SEM PREREQ: none QTR EQUIV: PHY 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2637 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/7/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY800 - Seminar **STUDENT REC TITLE:** Seminar **EFFECTIVE:** Spring 2010 **COURSE DESC:** Scheduled discussions of current problems in physics. Centered around student presentations. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 800
	VERSION: REV **COURSE:** PHY8000 - Seminar **STUDENT REC TITLE:** Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Scheduled discussions of current problems in physics. Centered around guest lecturer and student presentations. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: only 2 credit hours can be counted toward those required for the MS degree QTR EQUIV: PHY 800

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3425 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 5/21/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY825 - Fund of Bio Comp & Modeling **STUDENT REC TITLE:** Fund of Bio Comp & Modeling **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course will treat fundamental programming approaches, data structures and mathematical/statistical principles used in designing, computational biology tools and algorithms. Students will learn theoretical principles and gain practical experience. **COLLEGE:** College of Science & Math **CRED HR:** 5 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PHY8250 - Fundamentals of Biological Computation & Modeling **STUDENT REC TITLE:** Fund of Bio Comp & Mod **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will treat fundamental programming approaches, data structures and mathematical/statistical principles used in designing, computational biology tools and algorithms. Students will learn theoretical principles and gain practical experience. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2638 **STATUS:** Complete **CREATOR:** Gary Farlow **CREATED:** 4/7/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PHY899 - Research **STUDENT REC TITLE:** Research **EFFECTIVE:** Spring 2010 **COURSE DESC:** Gives students opportunities for study or laboratory work in a specialized field of interest. For thesis preparation. May be repeated. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PHY 899
	VERSION: REV **COURSE:** PHY8990 - Research **STUDENT REC TITLE:** Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides students opportunities for directed study or laboratory work in a specialized field of interest. For thesis preparation. May be repeated. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: A maximum of 9 credit hours of PHY899 can be counted toward the credit hour requirements for the MS degree. This course may be taken up to 5 times. The final letter grade in this course may be delayed and assigned when the thesis has been submitted or the project terminated. QTR EQUIV: PHY 899

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4692 **STATUS:** Complete **CREATOR:** John Feldmeier **CREATED:** 8/26/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS399 - Studies in Selected Topics **STUDENT REC TITLE:** Studies in Selected Topics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Problems, approaches, and topics in the field of political science. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture
	VERSION: CURR **COURSE:** PLS599 - Studies in Selected Subjects **STUDENT REC TITLE:** Studies in Selected Subjects **EFFECTIVE:** Fall 2010 **COURSE DESC:** Problems, approaches, and topics in the field of political science. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PLS6160 - Sex and the Law **STUDENT REC TITLE:** Sex and the Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** Addresses how government uses law to regulate sex as activity, expression, and identity. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4476 **STATUS:** Complete **CREATOR:** Paul Leonard **CREATED:** 8/12/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS523 - Government of Ohio **STUDENT REC TITLE:** Government of Ohio **EFFECTIVE:** Fall 2010 **COURSE DESC:** **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 523
	VERSION: REV **COURSE:** PLS5230 - Government of Ohio **STUDENT REC TITLE:** Government of Ohio **EFFECTIVE:** Fall 2012 **COURSE DESC:** Organization and functions of the government of Ohio with special attention to development, social structure, legal status, electoral processes, and fiscal problems. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 523

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5824 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS525 - African American Politics **STUDENT REC TITLE:** African American Politics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Explores what makes African American politics distinctive from American politics and the prerequisites for effective political and economic leadership in the black community. The notion of black power is a major course theme. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 525
	VERSION: REV **COURSE:** PLS5250 - African American Politics **STUDENT REC TITLE:** African Am Politics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores what makes African American politics distinctive from American politics and the prerequisites for effective political and economic leadership in the black community. Major theme is notion of black power. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 525

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5821 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PLS5260 - Black Women and Politics **STUDENT REC TITLE:** Black Women and Politics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the role of race and gender in the study of the political behavior of black women in the US, Africa and the diaspora. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 494

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5031 **STATUS:** Complete **CREATOR:** Edward Fitzgerald **CREATED:** 9/13/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** PLS5400 - Law and Society **STUDENT REC TITLE:** Law and Society **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the judicial process, civil litigation (torts, contracts, family law) and pertinent constitutional issues. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5801 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS541 - Fndmtls of Crime Investigation **STUDENT REC TITLE:** Fndmtls of Crime Investigation **EFFECTIVE:** Winter 2011 **COURSE DESC:** Survey of investigative techniques focusing on specific problems and crimes to illustrate proper methods and procedures of criminal investigations. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 541
	VERSION: REV **COURSE:** PLS5410 - Fundamentals of Criminal Investigation **STUDENT REC TITLE:** Fund Crim Investigation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of investigative techniques focusing on specific problems and crimes to illustrate proper methods and procedures of criminal investigation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 541

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4683 **STATUS:** Complete **CREATOR:** John Feldmeier **CREATED:** 8/26/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS542 - Civil Liberties I:1st Ammndmnt **STUDENT REC TITLE:** Civil Liberties I:1st Ammndmnt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Cases and related materials on the Bill of Rights and the 14th Amendment with emphasis on the First Amendment freedoms, concentrating on Supreme Court behavior and First Amendment procedures. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 542
	VERSION: REV **COURSE:** PLS5420 - Civil Liberties I:First Ammendment **STUDENT REC TITLE:** Civil Liberties:1st Amnd **EFFECTIVE:** Fall 2012 **COURSE DESC:** Cases and related materials on the Bill of Rights and the Fourteenth Amendment with emphasis on the First Amendment freedoms, concentrating on Supreme Court behavior and First Amendment procedures. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 542

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4685 **STATUS:** Complete **CREATOR:** John Feldmeier **CREATED:** 8/26/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS543 - Civil Liberties II **STUDENT REC TITLE:** Civil Liberties II **EFFECTIVE:** Fall 2010 **COURSE DESC:** Covers cases and related materials on the Bill of Rights and the Fourteenth Amendment. Emphasis on the First Amendment freedoms concentrating on enforcement of civil rights and liberties under the Bill of Rights and the Fourteenth Amendment. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 543
	VERSION: REV **COURSE:** PLS5430 - Civil Liberties II **STUDENT REC TITLE:** Civil Liberties II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers cases and related materials on the Bill of Rights and the Fourteenth Amendment. Emphasis on the First Amendment freedoms concentrating on enforcement of civil rights and liberties under the Bill of Rights and the Fourteenth Amendment. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 543

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5793 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS544 - Police Procedures & Operations **STUDENT REC TITLE:** Police Procedures & Operations **EFFECTIVE:** Winter 2011 **COURSE DESC:** Procedures and operations of law enforcement at various levels from patrol to senior administration, emphasizing duties, responsibilities and leadership. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 544
	VERSION: REV **COURSE:** PLS5440 - Police Procedures and Operations **STUDENT REC TITLE:** Police Procedures and Op **EFFECTIVE:** Fall 2012 **COURSE DESC:** Procedures and operations of law enforcement at various levels from patrol to senior administration, emphasizing duties, responsibilities and leadership. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 544

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5032 **STATUS:** Complete **CREATOR:** Edward Fitzgerald **CREATED:** 9/13/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** PLS5470 - American Public Policy Analysis **STUDENT REC TITLE:** Public Policy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines models of public policy making and analyzes contemporary policy debates on the economy, energy and environment, immigration, and education. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 547

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5552 **STATUS:** Complete **CREATOR:** Liam Anderson **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS551 - Western European Politics **STUDENT REC TITLE:** Western European Politics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Comparative study of the political systems of Great Britain, France, and West Germany. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 551
	VERSION: REV **COURSE:** PLS6560 - Politics of Europe **STUDENT REC TITLE:** Politics of Europe **EFFECTIVE:** Fall 2012 **COURSE DESC:** Comparative study of the political systems of Great Britain, France, and West Germany. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 551

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5834 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS556 - Politics & Society in France **STUDENT REC TITLE:** Politics & Society in France **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines the historic interaction of French culture and politics. Topics include the growth of the French nation and state, French society, the nature of modern politics and institutions, and France's role in world affairs. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 556
	VERSION: REV **COURSE:** PLS5560 - Politics and Society in France **STUDENT REC TITLE:** Pol Society France **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the historic interaction of French culture and politics. Topics include the growth of the French nation and state, French society, the nature of modern politics and institutions, and France's role in world affairs. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 556

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1016 **STATUS:** Complete **CREATOR:** Rashida Hussain **CREATED:** 12/14/09 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS572 - International Organization **STUDENT REC TITLE:** International Organization **EFFECTIVE:** Winter 2010 **COURSE DESC:** Analysis of developing structures and functions of the United Nations and other international organizations, and concepts relating to world government. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PLS 222 QTR EQUIV: PLS 572
	VERSION: REV **COURSE:** PLS6770 - International Organization **STUDENT REC TITLE:** International Organizati **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the competing theoretical perspectives on international organization and analyzes the structure, functions, and the evolving role of key international organizations--IGOs & NGOs-- in global governance; also explores their pathologies and prospects for reform. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: PLS 4770 QTR PREREQ: PLS 222 QTR EQUIV: PLS 572

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1711 **STATUS:** Complete **CREATOR:** December Green **CREATED:** 1/16/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS575 - Human Rights in USA **STUDENT REC TITLE:** Human Rights in USA **EFFECTIVE:** Winter 2010 **COURSE DESC:** Examines controversies over human rights in the U.S. Considers contending definitions of human rights and debates over policy by focusing on a range of issues including immigration, pornography, gay rights, race relations, and poverty. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 575
	VERSION: REV **COURSE:** PLS5750 - Human Rights in USA **STUDENT REC TITLE:** Human Rights in USA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines controversies over human rights in the U.S. Considers contending definitions of human rights and debates over policy by focusing on a range of issues including immigration, pornography, gay rights, race relations, and poverty. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 575

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4694 **STATUS:** Complete **CREATOR:** John Feldmeier **CREATED:** 8/26/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS599 - Studies in Selected Subjects **STUDENT REC TITLE:** Studies in Selected Subjects **EFFECTIVE:** Fall 2010 **COURSE DESC:** Problems, approaches, and topics in the field of political science. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PLS6170 - Appellate Politics and Moot Court **STUDENT REC TITLE:** App Politics and Moot Ct **EFFECTIVE:** Fall 2012 **COURSE DESC:** Politics in the appellate courts and simulated appellate arguments in a moot court setting. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4695 **STATUS:** Complete **CREATOR:** John Feldmeier **CREATED:** 8/26/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS599 - Studies in Selected Subjects **STUDENT REC TITLE:** Studies in Selected Subjects **EFFECTIVE:** Fall 2010 **COURSE DESC:** Problems, approaches, and topics in the field of political science. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PLS6180 - Politics and Ethics **STUDENT REC TITLE:** Politics and Ethics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Philosophical and legal foundations for regulating ethics among public officials. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4422 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 8/9/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** REV **COURSE:** PLS5990 - Studies in Selected Topics **STUDENT REC TITLE:** Studies in Select.Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Problems, approaches and topics in the field of political science. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following levels: Graduate. QTR EQUIV: PLS599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5188 **STATUS:** Complete **CREATOR:** Paul Leonard **CREATED:** 9/16/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS630 - Seminar-Amer Politics & Govt **STUDENT REC TITLE:** Seminar-Amer Politics & Govt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Selected topics related to American political institutions and processes. Emphasis on readings, discussion, and research. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 630
	VERSION: REV **COURSE:** PLS6030 - Campaigns and Elections **STUDENT REC TITLE:** Campaigns and Elections **EFFECTIVE:** Fall 2012 **COURSE DESC:** American political electoral institutions and processes, and campaigns. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 630

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5408 **STATUS:** Complete **CREATOR:** Chad Atkinson **CREATED:** 9/21/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS693 - Contemporary Problems **STUDENT REC TITLE:** Contemporary Problems **EFFECTIVE:** Fall 2010 **COURSE DESC:** Advanced study in variable topics that frequently include new developments in the methodology or subject matter of the various sub-fields of the discipline. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PLS6065 - Globalization **STUDENT REC TITLE:** Globalization **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the economic aspects of globalization and effects on local, national, and international political processes. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5819 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS608 - Radical Black Thought **STUDENT REC TITLE:** Radical Black Thought **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines radical black thought and philosophy from a Pan-Africanist perspective, primarily focuses on the 20th century. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 608
	VERSION: REV **COURSE:** PLS6080 - Radical Black Thought **STUDENT REC TITLE:** Radical Black Thought **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines radical black thought and philosophy from a Pan-Africanist perspective, primarily focuses on the 20th century. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 608

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5616 **STATUS:** Complete **CREATOR:** Samuel Funderburk **CREATED:** 9/27/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS620 - Politics & the Novel **STUDENT REC TITLE:** Politics & the Novel **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as ENG 660.) Study and critique of political themes in works of selected 20th century authors, including social roles, activism, political awareness, power, government, and conflict at the individual, institutional, and international level. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 620
	VERSION: REV **COURSE:** PLS6200 - Politics & the Novel **STUDENT REC TITLE:** Politics & the Novel **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as ENG 6600.) Study and critique of political themes in works of selected 20th century authors, including social roles, activism, political awareness, power, government, and conflict at the individual, institutional, and international level. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: ENG 5010 QTR EQUIV: PLS 620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4690 **STATUS:** Complete **CREATOR:** John Feldmeier **CREATED:** 8/26/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS626 - Supreme Court in American Politics **STUDENT REC TITLE:** Supreme Court in Am Pol **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course introduces students to the role of the Supreme Court in the Constitution, its relations with other branches and agencies of the U.S. government, and significant events and trends in the Court. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PLS 626
	VERSION: REV **COURSE:** PLS6260 - Supreme Court in American Politics **STUDENT REC TITLE:** Supreme Court in Am Pol **EFFECTIVE:** Fall 2012 **COURSE DESC:** Role of the Supreme Court in the Constitution, its relations with other branches and agencies of the U.S. government, and significant events and trends in the Court. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. QTR EQUIV: PLS 626

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5158 **STATUS:** Complete **CREATOR:** Paul Leonard **CREATED:** 9/15/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS630 - Seminar-Amer Politics & Govt **STUDENT REC TITLE:** Seminar-Amer Politics & Govt **EFFECTIVE:** Fall 2010 **COURSE DESC:** Selected topics related to American political institutions and processes. Emphasis on readings, discussion, and research. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 630
	VERSION: REV **COURSE:** PLS6300 - American Politics and Government **STUDENT REC TITLE:** Amer Politics & Govt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics related to American political institutions and processes. Emphasis on readings, discussion, and research. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 630

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5617 **STATUS:** Complete **CREATOR:** Samuel Funderburk **CREATED:** 9/27/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS633 - Public Opinion **STUDENT REC TITLE:** Public Opinion **EFFECTIVE:** Winter 2011 **COURSE DESC:** Opinion formation in American politics; relationship of opinion to public policy; voting behavior in American elections; role of mass media and political interest groups in the policy process; and development of political attitudes and values. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 633
	VERSION: REV **COURSE:** PLS6330 - Public Opinion **STUDENT REC TITLE:** Public Opinion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Opinion formation in American politics; relationship of opinion to public policy; voting behavior in American elections; role of mass media and political interest groups in the policy process; and development of political attitudes and values. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 633

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5243 **STATUS:** Complete **CREATOR:** Paul Leonard **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS634 - Political Leadership **STUDENT REC TITLE:** Political Leadership **EFFECTIVE:** Fall 2010 **COURSE DESC:** Involves the study of political attitude development. The acquisition of basic political orientations and values, beginning with childhood and proceeding through adolescence and adulthood. Investigation of the role of various socializing agents. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 634
	VERSION: REV **COURSE:** PLS6340 - Political Leadership **STUDENT REC TITLE:** Political Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of political attitude development and acquisition of basic political orientations and values, beginning with childhood and proceeding through adolescence and adulthood. Investigation of the role of various socializing agents. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 634

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5618 **STATUS:** Complete **CREATOR:** Samuel Funderburk **CREATED:** 9/27/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS635 - Seminar - Political Corruption **STUDENT REC TITLE:** Seminar - Political Corruption **EFFECTIVE:** Winter 2011 **COURSE DESC:** Analysis of political corruption, including campaigns and elections, graft, the executive branch, congressional ethics, corruption in law enforcement, organized crime, and abuse of authority. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 635
	VERSION: REV **COURSE:** PLS6350 - Seminar - Political Corruption **STUDENT REC TITLE:** Sem - Political Corrupt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of political corruption, including campaigns and elections, graft, the executive branch, congressional ethics, corruption in law enforcement, organized crime, and abuse of authority. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 635

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
4696 **STATUS:** Complete **CREATOR:** John Feldmeier **CREATED:** 8/26/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS636 - Criminal Law **STUDENT REC TITLE:** Criminal Law **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines the nature of the criminal law and reviews the law pertaining to criminal liability; inchoate crimes; the elements of crimes against persons, property, and habitation; and the defenses to criminal actions. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PLS6360 - Criminal Law **STUDENT REC TITLE:** Criminal Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the nature of the criminal law and reviews the law pertaining to criminal liability; inchoate crimes; the elements of crimes against persons, property, and habitation; and the defenses to criminal actions. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
5033 **STATUS:** Complete **CREATOR:** Edward Fitzgerald **CREATED:** 9/13/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6370 - Criminal Procedure **STUDENT REC TITLE:** Criminal Procedure **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the case law regarding the constitutional aspects of criminal procedure, particularly the Fourth, Fifth, and Sixth Amendments. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 637

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
4384 **STATUS:** Complete **CREATOR:** Edward Fitzgerald **CREATED:** 7/29/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS638 - Envirnmental Law & Policy **STUDENT REC TITLE:** Envirnmental Law & Policy **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines environmental law and policy and reviews the statutory framework pertaining to environmental impact statements, the regulation of air and water pollution, the disposal and cleanup of toxic wastes, and workplace safety **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 638
	VERSION: REV **COURSE:** PLS6380 - Environmental Law & Policy **STUDENT REC TITLE:** Environ Law & Policy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines environmental law and policy and reviews the statutory framework pertaining to environmental impact statements, the regulation of air and water pollution, the disposal and cleanup of toxic wastes, and workplace safety. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 638

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
4385 **STATUS:** Complete **CREATOR:** Edward Fitzgerald **CREATED:** 7/29/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS639 - Bioethics&Law:Abortion,Dth/Med **STUDENT REC TITLE:** Bioethics&Law:Abortion,Dth/Med **EFFECTIVE:** Fall 2010 **COURSE DESC:** New biological technologies are emerging that increase our control over human behavior. Course examines legal implications of new biological technologies, particularly mind and behavior control, genetic engineering, birth and death control and organ transplantation. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 639
	VERSION: REV **COURSE:** PLS6390 - Bioethics and Law **STUDENT REC TITLE:** Bioethics and Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines legal implications of new biological technologies, particularly mind and behavior control, genetic engineering, birth and death control and organ transplantation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. QTR EQUIV: PLS 639

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
4686 **STATUS:** Complete **CREATOR:** John Feldmeier **CREATED:** 8/26/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS640 - Constitutional Law **STUDENT REC TITLE:** Constitutional Law **EFFECTIVE:** Fall 2010 **COURSE DESC:** Cases in which provisions of the Constitution have been judicially interpreted; federal systems; separation of powers; and limits on government. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PLS6400 - Constitutional Law **STUDENT REC TITLE:** Constitutional Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** Cases in which provisions of the Constitution have been judicially interpreted; federal systems; separation of powers; and limits on government. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
4387 **STATUS:** Complete **CREATOR:** Edward Fitzgerald **CREATED:** 7/29/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS641 - Natural Resources Law **STUDENT REC TITLE:** Natural Resources Law **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course examines federal management of natural resources on public lands, specifically, water, minerals, timber, grazing, and wildlife. Constitutional authority, statutes, regulations, federalism, and judical review of administrative decisions are analyzed. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 641
	VERSION: REV **COURSE:** PLS6410 - Natural Resources Law **STUDENT REC TITLE:** Natural Resources Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines federal management of natural resources on public lands, specifically water, minerals, timber, grazing, and wildlife. Analysis of constitutional authority, statutes, regulations, federalism, and judicial review of administrative decisions. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 641

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
5808 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 9/30/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS645 - Adv Criminal Investigation **STUDENT REC TITLE:** Adv Criminal Investigation **EFFECTIVE:** Winter 2011 **COURSE DESC:** Criminal investigative techniques including forensics, evidence, interviews, and interrogation as applied to specific types of crimes. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 645
	VERSION: REV **COURSE:** PLS6450 - Advanced Crim Investigation **STUDENT REC TITLE:** Adv Crim Investgn **EFFECTIVE:** Fall 2012 **COURSE DESC:** Criminal investigative techniques including forensics, evidence, interviews, and interrogations as applied to specific types of crimes. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: graduate. SEM PREREQ: PLS 5410 QTR EQUIV: PLS 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1712 **STATUS:** Complete **CREATOR:** December Green **CREATED:** 1/16/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS648 - Gender Violence & Amer Pol **STUDENT REC TITLE:** Gender Violence & Amer Pol **EFFECTIVE:** Winter 2010 **COURSE DESC:** Examines gender violence in the U.S. Considers the range of violence, its sources, and solutions. Topics include domestic violence, rape, eating disorders, reproductive rights, and pornography. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 648
	VERSION: REV **COURSE:** PLS6480 - Gender Violence & Amer Pol **STUDENT REC TITLE:** Gender Violence & Am Pol **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines gender violence in the U.S. Considers the range of violence, its sources, and solutions. Topics include domestic violence, rape, eating disorders, reproductive rights, and pornography. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 648

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1713 **STATUS:** Complete **CREATOR:** December Green **CREATED:** 1/16/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS649 - Intl Politics- Gender Violence **STUDENT REC TITLE:** Intl Politics- Gender Violence **EFFECTIVE:** Winter 2010 **COURSE DESC:** Cross cultural examination of gender violence. Considers the range of violence, its sources, and solutions. Topics include domestic abuse, rape, female genital surgeries, prostitution, and reproductive rights. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 649
	VERSION: REV **COURSE:** PLS6490 - Intl Politics- Gender Violence **STUDENT REC TITLE:** Intl Pol Gender Violence **EFFECTIVE:** Fall 2012 **COURSE DESC:** Cross cultural examination of gender violence. Considers the range of violence, its sources, and solutions. Topics include domestic abuse, rape, female genital surgeries, prostitution, and reproductive rights. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 649

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5299 **STATUS:** Complete **CREATOR:** Pramod Kantha **CREATED:** 9/18/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS665 - Politics of Nationalism **STUDENT REC TITLE:** Politics of Nationalism **EFFECTIVE:** Fall 2010 **COURSE DESC:** Compare ethnic identity and politics in western societies, including the United States, Canada, Great Britian and France. Topics include minorities and the welfare state, affirmative discrimination, and Black Politics in the United States. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 665
	VERSION: REV **COURSE:** PLS6505 - Politics of Nationalism **STUDENT REC TITLE:** Politics of Nationalism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to different dimensions of nationalism. Examination of theories and cases of nationalist movements/conflicts from different parts of the world in order to appreciate relevance of nationalism to contemporary politics and international relations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 665

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1714 **STATUS:** Complete **CREATOR:** December Green **CREATED:** 1/16/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS651 - Contemporary African Politics **STUDENT REC TITLE:** Contemp African Politics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Political processes and governmental institutions of sub-Saharan Africa; special attention to dynamics of political development and socioeconomic change. Comparative analysis of selected African political systems. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 651
	VERSION: REV **COURSE:** PLS6510 - Contemporary African Politics **STUDENT REC TITLE:** Contemp African Politics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Political processes and governmental institutions of sub-Saharan Africa; special attention to dynamics of political development and socioeconomic change. Comparative analysis of selected African political systems. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 651

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1715 **STATUS:** Complete **CREATOR:** December Green **CREATED:** 1/16/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS652 - International Human Rights **STUDENT REC TITLE:** Intl Human Rights **EFFECTIVE:** Winter 2010 **COURSE DESC:** Examines the role of human rights in international relations. Considers contending definitions of human rights and debates over policy by focusing on case studies including South Africa, China, Guatemala, and Bosnia. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 652
	VERSION: REV **COURSE:** PLS6520 - International Human Rights **STUDENT REC TITLE:** Intl Human Rights **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the role of human rights in international relations. Considers contending definitions of human rights and debates over policy by focusing on thematic issues and case studies. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 652

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5553 **STATUS:** Complete **CREATOR:** Liam Anderson **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS653 - Soviet Successor States **STUDENT REC TITLE:** Soviet Successor States **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines the political life in the former Soviet Union, with emphasis on the legacy of communism and the role of economics and politics in the transition to democracy. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 653
	VERSION: REV **COURSE:** PLS6530 - Soviet Successor States **STUDENT REC TITLE:** Soviet Successor States **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the political life in the former Soviet Union, with emphasis on the legacy of communism and the role of economics and politics in the transition to democracy. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 653

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4651 **STATUS:** Complete **CREATOR:** Vaughn Shannon **CREATED:** 8/25/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS654 - Politics of the Middle East **STUDENT REC TITLE:** Politics of the Middle East **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to governments and politics of the Middle East with special attention to cultural and historical background and the Arab-Israeli conflict. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 654
	VERSION: REV **COURSE:** PLS6540 - Politics of the Middle East **STUDENT REC TITLE:** Politics of Mid East **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to governments and politics of the Middle East with special attention to cultural and historical background and the Arab-Israeli conflict. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 654

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5555 **STATUS:** Complete **CREATOR:** Liam Anderson **CREATED:** 9/24/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6545 - Politics of Iraq **STUDENT REC TITLE:** Politics of Iraq **EFFECTIVE:** Fall 2012 **COURSE DESC:** Traces recent political history of Iraq since its formation in 1920s. Examines reasons for recent war and implications for Iraq's political future **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5257 **STATUS:** Complete **CREATOR:** Pramod Kantha **CREATED:** 9/17/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6570 - Politics of Developing Nations **STUDENT REC TITLE:** Pol. Developing Nations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of politics, economy, society, and international relations of developing nations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5551 **STATUS:** Complete **CREATOR:** December Green **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6580 - Latin American Politics **STUDENT REC TITLE:** Latin American Politics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces students to politics in Central America, South America and the Caribbean, focusing on political and economic development. Considers major debates in comparative politics about a variety of issues, including democracy and democratization. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 658

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1716 **STATUS:** Complete **CREATOR:** December Green **CREATED:** 1/16/10 **APPROVED:** 8/5/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS659 - Contemporary Brazil **STUDENT REC TITLE:** Contemporary Brazil **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to Brazilian politics, society and economy. Topics include Brazil's political and economic liberalization, its international relations, gender and race relations, and the environment. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 659
	VERSION: REV **COURSE:** PLS6590 - Contemporary Brazil **STUDENT REC TITLE:** Contemporary Brazil **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to Brazilian politics, society and economy. Topics include Brazil's political and economic liberalization, its international relations, gender and race relations, and the environment. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 659

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5383 **STATUS:** Complete **CREATOR:** Pramod Kantha **CREATED:** 9/21/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS660 - Seminar-Comp Political Systems **STUDENT REC TITLE:** Seminar-Comp Political Systems **EFFECTIVE:** Fall 2010 **COURSE DESC:** Readings, research, reports, and discussion of selected topics and problems. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 660
	VERSION: REV **COURSE:** PLS6600 - Seminar in Comparative Politics **STUDENT REC TITLE:** Sem Comp Politics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Readings, research, reports, and discussion of selected topics and problems. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 660

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4712 **STATUS:** Complete **CREATOR:** Laura Luehrmann **CREATED:** 8/26/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS661 - Social Movements and Protests **STUDENT REC TITLE:** Social Movements and Protests **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines group behavior motivated by the desire to change political, economic, and social systems. Special attention will be given to movements outside of the United States, including cross-national and global movements. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 661
	VERSION: REV **COURSE:** PLS6610 - Comparative Social Movements **STUDENT REC TITLE:** Compar. Social Movements **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines group behavior motivated by the desire to change or maintain political, economic, cultural or social systems. Examination of movements in countries around the world, including cross-national and global movements. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: PLS 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5311 **STATUS:** Complete **CREATOR:** Pramod Kantha **CREATED:** 9/20/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS670 - Sem in International Relations **STUDENT REC TITLE:** Sem in International Relations **EFFECTIVE:** Fall 2010 **COURSE DESC:** Readings, research, reports, and discussion on selected topics and problems. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 670
	VERSION: REV **COURSE:** PLS6620 - US- India-Pakistan-Afghan Relations **STUDENT REC TITLE:** US-India-Pak-Afghan Rela **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of various aspects of United States relations with India, Pakistan and Afghanistan. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 ADD INFO: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5309 **STATUS:** Complete **CREATOR:** Pramod Kantha **CREATED:** 9/20/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS666 - Politics of South Asia **STUDENT REC TITLE:** Politics of South Asia **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course examines the role played by South Asia in shaping the political, economic and security landscapes around the world. Focus will be on four countries in the region: India, Pakistan, Bangladesh and Nepal. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 666
	VERSION: REV **COURSE:** PLS6660 - Political Institutions and Issues- South Asia **STUDENT REC TITLE:** Politics in South Asia **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines political institutions and political, economic, security and international relations issues in India, Pakistan, Sri Lanka, Bangladesh and Nepal. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 ADD INFO: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 666

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4602 **STATUS:** Complete **CREATOR:** Laura Luehrmann **CREATED:** 8/24/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS667 - Political Systems of China **STUDENT REC TITLE:** Political Systems of China **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis of political structures and processes of Communist China; focus on dynamic factors of socioeconomic and political development. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 667
	VERSION: REV **COURSE:** PLS6670 - Chinese Domestic Politics **STUDENT REC TITLE:** China: Domestic Politics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of governmental structures and processes within modern China, emphasizing both elite and mass politics. Overview of the rise of state socialism and examination of some of the key issues in Chinese politics and society today. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 667

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5557 **STATUS:** Complete **CREATOR:** Liam Anderson **CREATED:** 9/24/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS670 - Sem in International Relations **STUDENT REC TITLE:** Sem in International Relations **EFFECTIVE:** Fall 2010 **COURSE DESC:** Readings, research, reports, and discussion on selected topics and problems. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 670
	VERSION: REV **COURSE:** PLS6700 - Topics in International Relations **STUDENT REC TITLE:** Topics in IR **EFFECTIVE:** Fall 2012 **COURSE DESC:** Readings, research, reports, and discussion on selected topics and problems in international relations. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5554 **STATUS:** Complete **CREATOR:** Liam Anderson **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6705 - Weapons of Mass Destruction **STUDENT REC TITLE:** Weapons Mass Destruction **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines various issues relating to weapons of mass destruction, including their manufacture, use, effects, and the politics surrounding decisions to acquire them. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5035 **STATUS:** Complete **CREATOR:** Edward Fitzgerald **CREATED:** 9/13/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6710 - International Law **STUDENT REC TITLE:** International Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the nature of international law; international courts and subjects; diplomacy; the use of force; law of war; and international environmental law. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. QTR EQUIV: PLS 671

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3375 **STATUS:** Complete **CREATOR:** Vaughn Shannon **CREATED:** 5/20/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS672 - International Terrorism Sem **STUDENT REC TITLE:** International Terrorism Sem **EFFECTIVE:** Fall 2010 **COURSE DESC:** Surveys the phenomenon of terrorism: who employs it, how and why it occurs in international politics, and how targets respond to terrorism. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 672
	VERSION: REV **COURSE:** PLS6720 - International Terrorism **STUDENT REC TITLE:** International Terrorism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Surveys the phenomenon of terrorism: who employs it, how and why it occurs in international politics, and how targets respond to terrorism. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 672

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4597 **STATUS:** Complete **CREATOR:** Vaughn Shannon **CREATED:** 8/24/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS673 - American Foreign Policy **STUDENT REC TITLE:** American Foreign Policy **EFFECTIVE:** Fall 2010 **COURSE DESC:** Role of the United States in contemporary international politics and the relationship of the domestic political system to that role. Discussion of current problems. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 673
	VERSION: REV **COURSE:** PLS6730 - American Foreign Policy **STUDENT REC TITLE:** American Foreign Policy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Investigates the role of the United States in contemporary international politics and the relationship of the domestic political system to that role. Discussion of current policy and events included. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 673

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4408 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 8/5/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6740 - Politics of Women Terrorists **STUDENT REC TITLE:** Pol of Women &Terror **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the political behavior of women in terrorism, including an analysis of the roles females play in different groups, and differing theories to explain recent changes in the field. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. Instructor approval required. QTR PREREQ: PLS222 or equivalent or instructor permission QTR EQUIV: PLS 674

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5149 **STATUS:** Complete **CREATOR:** Paul Leonard **CREATED:** 9/15/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS682 - Legislative Internship **STUDENT REC TITLE:** Legislative Internship **EFFECTIVE:** Fall 2010 **COURSE DESC:** Experiential internship in the office of a state legislator, including office work, constituent assistance and research. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 682
	VERSION: REV **COURSE:** PLS6820 - Legislative Internship **STUDENT REC TITLE:** Legislative Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Experiential internship in the office of a state legislator, including office work, constituent assistance and research. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled at the following level: Graduate. ADD INFO: Requires GPA of 3.0, instructor permission, ability to work 12-15 hours per week in addition to other academic responsibilities, approval of hiring entity. QTR EQUIV: PLS 682

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4631 **STATUS:** Complete **CREATOR:** Laura Luehrmann **CREATED:** 8/24/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS685 - Chinese Foreign Policy **STUDENT REC TITLE:** Chinese Foreign Policy **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines foreign policy perspectives of modern Chinese leaders, including historical, political, economic and ideological priorities. Special attention will be given to China-US relations, as well as China's role in international and regional organizations. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 685
	VERSION: REV **COURSE:** PLS6850 - Chinese Foreign Policy **STUDENT REC TITLE:** Chinese Foreign Policy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines development and current practices of Chinese foreign policy. Special attention given to China-U.S. relations, as well as China's role in international and regional organizations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate QTR EQUIV: PLS 685

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4376 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 7/29/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6860 - Model United Nations Seminar **STUDENT REC TITLE:** Model United Nations Sem **EFFECTIVE:** Fall 2012 **COURSE DESC:** Model UN is an experiential learning opportunity built around this seminar, with intensive training in research, public speaking, bargaining and conflict resolution. Culminates at the national conference in New York, simulating the U.N. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 9 REP TIMES: 3 RESTRICTION: Instructor permission. Must be enrolled in the following level: Graduate. QTR EQUIV: PLS 686

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4377 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 7/29/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6870 - Politics of Intelligence Gathering **STUDENT REC TITLE:** Politics of Intelligence **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the history and politics of intelligence gathering, analysis and application in policy making in the United States. Addresses the tension inherent to a secret agency operating within a democratic state and considers the role of technology. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8322 **STATUS:** Complete **CREATOR:** Russell Ayres **CREATED:** 1/31/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PLS6880 - Conflict Resolution **STUDENT REC TITLE:** Conflict Resolution **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of literature on causes and resolution of conflict and application of concepts and theories to analysis of a real-world international conflict. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PLS 4880

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8324 **STATUS:** Complete **CREATOR:** Russell Ayres **CREATED:** 1/31/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PLS6881 - Diplomacy & Negotiation **STUDENT REC TITLE:** Diplomacy & Negotiation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics include power and leverage; negotiation strategies; mediation and third-party involvement; and ratification and implementation of agreements. Provides an analytical understanding of how negotiation works, and some level of proficiency and comfort in the practice of negotiation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: PLS 4881

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4743 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 8/30/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** REV **COURSE:** PLS6900 - Independent Reading **STUDENT REC TITLE:** Independent Reading **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised individual readings on selected topics. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled at the following level: Graduate. ADD INFO: Instructor permission required. QTR EQUIV: PLS 690

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5385 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 9/21/10 **APPROVED:** 10/18/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS692 - Independent Field Experience **STUDENT REC TITLE:** Independent Field Experience **EFFECTIVE:** Fall 2010 **COURSE DESC:** Supervised individual projects. May involve intern programs in local government or other special programs. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 692
	VERSION: REV **COURSE:** PLS6920 - Independent Field Research **STUDENT REC TITLE:** Indep Field Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised individual field research projects. May include internships or other special programs. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled at the following level: Graduate. ADD INFO: 3.0 GPA, faculty permission required. QTR EQUIV: PLS 692

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4717 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 8/27/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS693 - Contemporary Problems **STUDENT REC TITLE:** Contemporary Problems **EFFECTIVE:** Fall 2010 **COURSE DESC:** Advanced study in variable topics that frequently include new developments in the methodology or subject matter of the various sub-fields of the discipline. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 693
	VERSION: REV **COURSE:** PLS6930 - Contemporary Problems **STUDENT REC TITLE:** Contemporary Problems **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced study in a selected topic that frequently includes new developments in the methodology or subject matter of the various subfields of the discipline. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 12 REP TIMES: 3 RESTRICTION: Must not be enrolled at the following level: undergraduate. QTR EQUIV: PLS 693

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4718 **STATUS:** Complete **CREATOR:** Donna Schlagheck **CREATED:** 8/27/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS694 - Special Topics **STUDENT REC TITLE:** Special Topics **EFFECTIVE:** Fall 2010 **COURSE DESC:** Study of particular political problems of contemporary significance. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 694
	VERSION: REV **COURSE:** PLS6940 - Special Topics **STUDENT REC TITLE:** Special Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced study of a selected topic of contemporary political significance. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 9 REP TIMES: 3 RESTRICTION: Must not be enrolled at the following level: undergraduate. QTR EQUIV: PLS 694

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5112 **STATUS:** Complete **CREATOR:** Chad Atkinson **CREATED:** 9/15/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS701 - ICP Statistics I **STUDENT REC TITLE:** ICP Statistics I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Emphasis on statistical literacy and data analysis in political science. Discusses reliability, validity, hypothesis testing, measurement and probability. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Internat + Compar Politics QTR EQUIV: PLS 701
	VERSION: REV **COURSE:** PLS7010 - International and Comparative Politics Statistics I **STUDENT REC TITLE:** ICP Statistics I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Emphasis on quantitative research design, statistical literacy and data analysis in political science. Discusses measurement, probability, and univariate hypothesis testing. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MA International and Comparative Politics. QTR EQUIV: PLS 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5357 **STATUS:** Complete **CREATOR:** Chad Atkinson **CREATED:** 9/20/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** PLS7020 - International and Comparative Politics Statistics II **STUDENT REC TITLE:** ICP Statistics II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focus on statistical applications and literacy centered on the multivariate regression model (assumptions, violations of assumptions, and their consequences). Includes introduction to categorical data analysis, elementary time series and event history. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MA International and Comparative Politics. SEM PREREQ: PLS 7010. QTR PREREQ: PLS 701 QTR EQUIV: PLS 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3378 **STATUS:** Complete **CREATOR:** Vaughn Shannon **CREATED:** 5/20/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS703 - ICP Research Design **STUDENT REC TITLE:** ICP Research Design **EFFECTIVE:** Fall 2010 **COURSE DESC:** Addresses fundamentals of qualitative and quantitative research in social science; with emphasis on skills needed to complete masters thesis or project. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Internat + Compar Politics QTR EQUIV: PLS 703
	VERSION: REV **COURSE:** PLS7030 - International and Comparative Politics Research Design **STUDENT REC TITLE:** ICP Research Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Addresses fundamentals of qualitative and quantitative research in social science with emphasis on skills needed to complete master's thesis or project. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: MA International and Comparative Politics. QTR EQUIV: PLS 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5570 **STATUS:** Complete **CREATOR:** Liam Anderson **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS730 - Theories of International Relations and Comparative Politics **STUDENT REC TITLE:** ICP Theories **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the theories and concepts employed in modern political analysis with emphasis on the study of international relations and comparative policies. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: Applied Behavioral Science- MA Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Internat + Compar Politics QTR EQUIV: PLS 730
	VERSION: REV **COURSE:** PLS7200 - Grad Seminar in IR Theory **STUDENT REC TITLE:** Grad Sem in IR theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the theories and concepts employed in modern political analysis with emphasis on the study of international relations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: MA International and Comparative Politics. QTR EQUIV: PLS 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4733 **STATUS:** Complete **CREATOR:** Laura Luehrmann **CREATED:** 8/30/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS731 - Graduate Seminar in International Relations/Comparative Politics **STUDENT REC TITLE:** ICP Graduate Seminar **EFFECTIVE:** Fall 2010 **COURSE DESC:** Selected topics or issue areas in international relations or comparative politics. May be repeated for credit under a differing subtitle. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Internat + Compar Politics QTR EQUIV: PLS 731
	VERSION: REV **COURSE:** PLS7300 - Theories of Comparative Politics **STUDENT REC TITLE:** Comparative Pol Theories **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on research emphasizing the comparative analysis of political systems and cultures, including mass and elite behavior in democratic and non-democratic regimes. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MA International and Comparative Politics. QTR EQUIV: PLS 731

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4763 **STATUS:** Complete **CREATOR:** Laura Luehrmann **CREATED:** 8/30/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS779 - Practicum in IR/Comparative Politics **STUDENT REC TITLE:** Practicum **EFFECTIVE:** Fall 2010 **COURSE DESC:** Field experience for students in selected settings. Jointly supervised by faculty and on-site personnel. May be repeated up to a total of 4 credits. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Practicum RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PLS 703 QTR EQUIV: PLS 779
	VERSION: REV **COURSE:** PLS7790 - Practicum in International Relations/Comparative Politics **STUDENT REC TITLE:** Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Field experience for students in selected settings. Jointly supervised by faculty and on-site personnel. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 4 REP TIMES: 4 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. ADD INFO: Advisor permission required. QTR PREREQ: PLS 703 QTR EQUIV: PLS 779

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4770 **STATUS:** Complete **CREATOR:** Laura Luehrmann **CREATED:** 8/30/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS789 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2010 **COURSE DESC:** Continuing registration. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 789
	VERSION: REV **COURSE:** PLS7900 - Continuing Registration **STUDENT REC TITLE:** Continuing Registration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuing registration. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. ADD INFO: Program Director permission required. QTR EQUIV: PLS 789

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4755 **STATUS:** Complete **CREATOR:** Laura Luehrmann **CREATED:** 8/30/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS798 - Graduate Project **STUDENT REC TITLE:** Graduate Project **EFFECTIVE:** Fall 2010 **COURSE DESC:** Practical application of knowledge gained through coursework and field experience applied to a capstone project. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 798
	VERSION: REV **COURSE:** PLS7980 - Graduate Project **STUDENT REC TITLE:** Graduate Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate research project that combines knowledge gained through coursework with field experience. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. ADD INFO: Advisor permission required. QTR EQUIV: PLS 798

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4751 **STATUS:** Complete **CREATOR:** Laura Luehrmann **CREATED:** 8/30/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** PLS799 - Graduate Thesis Research **STUDENT REC TITLE:** Graduate Thesis Research **EFFECTIVE:** Fall 2010 **COURSE DESC:** Research for Master's Thesis. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PLS 799
	VERSION: REV **COURSE:** PLS7990 - Graduate Thesis Research **STUDENT REC TITLE:** Graduate Thesis Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research for Master's Thesis. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. ADD INFO: Advisor permission required. QTR EQUIV: PLS 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2303 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 3/10/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI801 - History & Systems - Psychology **STUDENT REC TITLE:** History & Systems - Psychology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Historical and philosophical precursors philosophers' and recent thinkers' views of epistemology, existentialism, consciousness, and behavior. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR PREREQ: None QTR EQUIV: PSI 801
	VERSION: REV **COURSE:** PSI8010 - History & Systems of Psychology **STUDENT REC TITLE:** History & Systems- Psych **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reviews key historical events and personalities who have contributed significantly to psychology as a philosophy, scientific discipline and profession. **COLLEGE:** School of Prof Psychology **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Professional Psychology SEM PREREQ: None QTR PREREQ: None QTR EQUIV: PSI 801

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2987 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/29/10 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI835 - Human Development **STUDENT REC TITLE:** Human Development **EFFECTIVE:** Spring 2010 **COURSE DESC:** Conceptualizations of infancy, early childhood, and adolescence including physical, cognitive, intellectual, social, and interpersonal development. Lecture, lab, field work. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 835
	VERSION: REV **COURSE:** PSI8020 - Human Development **STUDENT REC TITLE:** Human Development **EFFECTIVE:** Fall 2012 **COURSE DESC:** Psychological conceptualizations of infancy, childhood, adolescence, and adulthood including physical, cognitive, intellectual, social, and interpersonal development. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 835

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5116 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 9/15/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI840 - Social Psychology **STUDENT REC TITLE:** Social Psychology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Theories and experimental findings regarding determinants of social behavior including social motivation, attribution theory, perception of people, attitude theories, group processes, interpersonal attraction, and environmental determinants of behavior. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR PREREQ: None QTR EQUIV: PSI 840
	VERSION: REV **COURSE:** PSI8030 - Social Psychology **STUDENT REC TITLE:** Social Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents theories and experimental findings regarding determinants of social behavior, including social motivation, attribution theory, perception of people, attitude theories, group processes, interpersonal attraction, and environmental determinants of behavior. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Professional Psychology SEM PREREQ: None QTR PREREQ: None QTR EQUIV: PSI 840

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2992 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/29/10 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI804 - Research Methods/Experimental Design **STUDENT REC TITLE:** Research Methods/Exper. Design **EFFECTIVE:** Spring 2010 **COURSE DESC:** Students will learn how to become good consumers of psychological research, how to use electronic databases efficiently, begin to consider how to design their own research, and refine APA style writing skills. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 804
	VERSION: REV **COURSE:** PSI8040 - Research Methods & Experimental Design **STUDENT REC TITLE:** Research Methods & Exper **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will learn how to become good consumers of psychological research, how to use electronic databases efficiently, begin to consider how to design their own research, and refine APA style writing skills. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. QTR EQUIV: PSI 804

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7953 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 7/29/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI805 - Statistics **STUDENT REC TITLE:** Statistics **EFFECTIVE:** Fall 2011 **COURSE DESC:** Students will learn basic and intermediate statistical procedures and associated theory. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR PREREQ: PSI 804, Advanced Statistics & Experimental Design I QTR EQUIV: PSI 805
	VERSION: REV **COURSE:** PSI8050 - Statistics **STUDENT REC TITLE:** Statistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to statistics for psychologists. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Open to SOPP students only SEM PREREQ: PSI 8040, Research Methods & Experimental Design QTR PREREQ: PSI 804, Advanced Statistics & Experimental Design I QTR EQUIV: PSI 805

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2670 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI806 - Interviewing I **STUDENT REC TITLE:** Interviewing I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Process of client designation, problem identification, and functional analysis. Client expectancy, establishing relationships, developing information base for linking, consultation, and referral. Interviewing styles and types. Lecture, lab, field work. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 806
	VERSION: REV **COURSE:** PSI8300 - Interviewing **STUDENT REC TITLE:** Interviewing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Process of client designation, problem identification, and functional analysis. Client expectancy, establishing relationships, developing information base for linking, consultation, and referral. Interviewing styles and types. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. QTR EQUIV: PSI 806

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2993 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/29/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI850 - Biological Bases of Affect and Behavior **STUDENT REC TITLE:** Physiological Psychology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Physiology of body systems including endocrine, nervous, musculoskeletal, respiratory, cardiovascular, reproductive, and renal systems. Autonomic and endocrine regulation of body systems in homeostasis and during stress. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 850
	VERSION: REV **COURSE:** PSI8070 - Neuropsychology Affect and Behavior **STUDENT REC TITLE:** Neuro. Affect & Behavior **EFFECTIVE:** Fall 2012 **COURSE DESC:** Physiology of body systems including endocrine, nervous, musculoskeletal, respiratory, cardiovascular, reproductive, and renal systems; autonomic and endocrine regulation of body systems in homeostasis and during stress; higher cortical functions such as language, memory, and executive control; overview of various neurological conditions. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. QTR EQUIV: PSI 850

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6178 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 10/12/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI808 - Professional Development **STUDENT REC TITLE:** Professional Development **EFFECTIVE:** Spring 2010 **COURSE DESC:** Issues relevant to students' development as professional psychologists including professional involvement, legal and legislative issues, professional ethics and standards, and relation with other professional groups. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR PREREQ: None QTR EQUIV: PSI 808
	VERSION: REV **COURSE:** PSI8080 - Professional Development **STUDENT REC TITLE:** Professional Development **EFFECTIVE:** Fall 2012 **COURSE DESC:** Issues relevant to students' development as professional psychologists including professional involvement, legal and legislative issues, professional ethics and standards, and relations with other professional groups. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Professional Psychology SEM PREREQ: None QTR PREREQ: None QTR EQUIV: PSI 808

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2655 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI811 - Psychological Assessment II: Cognitive **STUDENT REC TITLE:** Psy Assessment II: Cognitive **EFFECTIVE:** Spring 2010 **COURSE DESC:** Basic intelligence and aptitude assessment devices and interface with intervention plans. Biological individual, and social system influences, and minority and social class issues in assessment. Lecture, lab, field work. Titles vary. Lab may be taken for letter grade or pass/unsatisfactory. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PSI 811
	VERSION: REV **COURSE:** PSI8110 - Cognitve Assessment **STUDENT REC TITLE:** Cognitve Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents basic intelligence, aptitude, and related assessment devices with clinical utility and theoretical underpinnings with adults, adolescents, and children. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. COREQ: PSI 8110L QTR EQUIV: PSI 811

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2551 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/1/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI811L - Lab in Psy Assess II: Cognitiv **STUDENT REC TITLE:** Lab in Psy Assess II: Cognitiv **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PSI 811L
	VERSION: REV **COURSE:** PSI8110L - Cognitive Assessment Lab **STUDENT REC TITLE:** Cognitive Assessment Lab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Lab provides hands-on learning of the cognitive and achievement measures taught in the course. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only COREQ: PSI 8110 QTR EQUIV: PSI 811L

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2988 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/29/10 **APPROVED:** 6/7/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI812 - Psychological Assessment III **STUDENT REC TITLE:** Psychological Assessment III **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PSI 812
	VERSION: REV **COURSE:** PSI8120 - Objective Personality Assessment **STUDENT REC TITLE:** Objective Pers. Assess **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the principles and practices of objective personality assessment and report writing. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. SEM PREREQ: PSI 8110 QTR EQUIV: PSI 812

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2989 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/29/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI813 - Projective Assessment I **STUDENT REC TITLE:** Projective Assessment I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Overview of the administration, scoring, and interpretation of several projective techniques including projective drawings, Incomplete Sentence Blanks, the Thematic Apperception Test (TAT), the Children's Apperception Test (CAT), and other storytelling techniques. Titles vary. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 813
	VERSION: REV **COURSE:** PSI8130 - Intro to Projective Assessment **STUDENT REC TITLE:** Intro to Projective Asse **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of the administration, scoring, and interpretation of several projective techniques including projective drawings, Incomplete Sentence Blanks, the Thematic Apperception Test (TAT), the Children's Apperception Test (CAT), and other storytelling techniques. **COLLEGE:** School of Prof Psychology **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. SEM PREREQ: PSI 8110 QTR EQUIV: PSI 813

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2676 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI814 - Educational Assessment **STUDENT REC TITLE:** Educational Assessment **EFFECTIVE:** Spring 2010 **COURSE DESC:** Covers the issues and methods surrounding the assessment of various types of academic/learning problems including academic underpreparation, impact of psychological impairment, impact of physical impairment, specific learning disabilities, and adult ADHD. Titles vary. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 814
	VERSION: REV **COURSE:** PSI9140 - Educational Assessment **STUDENT REC TITLE:** Educational Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers the issues and methods surrounding the assessment of various types of academic/learning problems including academic under preparation, impact of psychological impairment, impact of physical impairment, specific learning disabilities, and adult ADHD. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8110 QTR EQUIV: PSI 814

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2558 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/1/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI913 - Projective Assessment II **STUDENT REC TITLE:** Projective Assessment II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Continuation of PSI 813-Projective Assessment I. Objective and projective techniques; how and when to administer, score, interpret, and convey results meaningfully. Emphasis on integrating these results into the clinical situation. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 913
	VERSION: REV **COURSE:** PSI8140 - Rorschach **STUDENT REC TITLE:** Rorschach **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the Rorschach; how and when to administer; how to score, interpret, and convey results meaningfully. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8110 QTR EQUIV: PSI 913

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2990 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/29/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI819 - Multicultural Lab: I **STUDENT REC TITLE:** Multicultural Lab: I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Focuses on the recognition of cultural diversity issues as an integral component of a psychologist's clinical and professional responsibilities and the incorporation of these issues into one's evolving professional identity. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 819
	VERSION: REV **COURSE:** PSI8190 - Multicultural Laboratory **STUDENT REC TITLE:** Multicultural Laboratory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the recognition of cultural diversity issues as an integral component of a psychologist's clinical and professional responsibilities and the incorporation of these issues into one's evolving professional identity. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. QTR EQUIV: PSI 819

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7544 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 3/1/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI831 - Adult Psychopathology **STUDENT REC TITLE:** Adult Psychopathology **EFFECTIVE:** Spring 2011 **COURSE DESC:** Covers definition and models of psychopathology including biochemical, genetic, dynamic, and behavioral dimensions; diagnostic systems, differential diagnosis, and treatment selection. Variables affecting individual and group functioning also are covered. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 831
	VERSION: REV **COURSE:** PSI8310 - Psychopathology **STUDENT REC TITLE:** Psychopathology **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course discusses the psychological disorders of the DSM-IV TR pertinent to children and adults as well as etiology and diagnostic issues, provides a brief review of evidence-based treatment and research salient to those disorders, and addresses multicultural and ethical considerations. **COLLEGE:** School of Prof Psychology **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: SOPP students only QTR EQUIV: PSI 831

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8701 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 3/21/12 **APPROVED:** 5/1/12 WorkFlow	**VERSION:** CURR **COURSE:** PSI832 - Child Psychopathology **STUDENT REC TITLE:** Child Psychopathology **EFFECTIVE:** Summer 2012 **COURSE DESC:** Classification and diagnostic systems related to children. Behavioral problems and related problems in life adjustment, learning, and adaption to peers. Current theories of etiology and treatment interventions. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 832
	VERSION: REV **COURSE:** PSI8320 - Child Psychopathology **STUDENT REC TITLE:** Child Psychopathology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Classification and diagnostic systems related to children. Behavioral problems and related problems in life adjustment, learning, and adaption to peers. Current theories of etiology and treatment interventions. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 1 RESTRICTION: SOPP students only QTR EQUIV: PSI 832

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2657 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI852 - Systems of Psychotherapy **STUDENT REC TITLE:** Systems of Psychotherapy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Explores the major models of psychotherapy for adults and children within an integrative framework. Models are examined in terms of perspective on human nature and psychopathology, its major mechanisms of therapeutic change, and evidence base. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 852
	VERSION: REV **COURSE:** PSI8400 - Theories of Personality & Therapy **STUDENT REC TITLE:** Theories of Pers/Therapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores the major theories of personality and related models of psychotherapy for adults and children within an integrative framework. Theories and models are examined in terms of perspective on human nature and psychopathology, its major mechanisms of therapeutic change, and evidence base. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. QTR EQUIV: PSI 852

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2658 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI841 - Group Psychotherapy **STUDENT REC TITLE:** Group Psychotherapy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Background, development, and theory of small groups. Effective leadership techniques and procedures for planning, conducting, and evaluating group interaction and progress. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 841
	VERSION: REV **COURSE:** PSI8410 - Group Psychotherapy **STUDENT REC TITLE:** Group Psychotherapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents background, development, and theory of small groups as well as effective leadership techniques and procedures for planning, conducting, and evaluating group interaction and progress. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psycology Students only. QTR EQUIV: PSI 841

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2660 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI842 - Crisis Intervention **STUDENT REC TITLE:** Crisis Intervention **EFFECTIVE:** Spring 2010 **COURSE DESC:** Theory and definition of crisis. Individual and community support systems and crisis programs in hospitals, suicide and crisis centers, and office, family, and other settings. Lecture, lab, field work. Concurrent enrollment in lecture and lab is required. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 842
	VERSION: REV **COURSE:** PSI8420 - Crisis Intervention **STUDENT REC TITLE:** Crisis Intervention **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory and definition of crisis; individual and community support systems and crisis programs in hospitals, suicide and crisis centers, and office, family, and other settings. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 842

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2662 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI934 - Bhvrl Psychthrpy II:Cognitive **STUDENT REC TITLE:** Bhvrl Psychthrpy II:Cognitive **EFFECTIVE:** Spring 2010 **COURSE DESC:** Continuation of PSI 933. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 934
	VERSION: REV **COURSE:** PSI8430 - Behavioral & Cognitive Therapies **STUDENT REC TITLE:** Behav. & Cognitive Ther. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides students with the theoretical background, current research, and clinical applications of behavioral and cognitive therapies. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 934

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2664 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI931 - Psychodynamic Psychotherpy II **STUDENT REC TITLE:** Psychodynamic Psychotherpy II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Second quarter of a three quarter sequence designed to teach theory, research, and applications of psychodynamic, object relations, and self psychology. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 931
	VERSION: REV **COURSE:** PSI8440 - Psychodynamic & Interpers Ther **STUDENT REC TITLE:** Psychodyn & Interp Ther **EFFECTIVE:** Fall 2012 **COURSE DESC:** Covers origins and recent trends in dynamic therapies, including brief dynamic therapies and interpersonal theories and therapies and Interpersonal Psychotherapy. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 931

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
8846 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 4/25/12 **APPROVED:** 5/2/12 WorkFlow	**VERSION:** CURR **COURSE:** PSI940 - Chemical Dependency **STUDENT REC TITLE:** Chemical Dependency **EFFECTIVE:** Summer 2012 **COURSE DESC:** Incidence and prevalence of use and misuse of substances, with emphasis on addiction syndromes and stages of alcoholism/addiction. Theories of addiction/misuse and underlying personality dynamics and styles. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 940
	VERSION: REV **COURSE:** PSI8450 - Chemical Dependency **STUDENT REC TITLE:** Chemical Dependency **EFFECTIVE:** Fall 2012 **COURSE DESC:** The purpose and main objective of this course is to enhance the skill set of pre-doctoral graduate students in the field of substance abuse and dependence. Historical underpinnings, models of recovery, treatment settings, assessment strategies, and prevention/treatment modalities will all be addressed in detail. Each participant will also have an opportunity to increase understanding of the major drugs of choice. Emphasis will be on culture, oppression and the needs of unique populations. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 3 REP TIMES: 1 RESTRICTION: Enrollment is open to SOPP students only. QTR EQUIV: PSI 940

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2672 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI873 - Consultation **STUDENT REC TITLE:** Consultation **EFFECTIVE:** Spring 2010 **COURSE DESC:** Consultation as used for analysis and change in human service settings, business, and industry. Learning principles used to change public, community, group, and individual behavior. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 873
	VERSION: REV **COURSE:** PSI9610 - Consultation **STUDENT REC TITLE:** Consultation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores consultation as a core competency for the professional psychologist. Consultation is a planned, collaborative interaction that is an explicit intervention process based on principles and procedures found within psychology and related disciplines in which the psychologist does not have direct control of the change process (NCSPP). The course examines consultation in a variety of business and professional settings. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 873

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2668 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI880 - Elective **STUDENT REC TITLE:** Elective **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intense treatment of subject materials or techniques providing students with increased experience or specialization in specific interventions, assessments, concepts, or approaches. Titles vary. Topics vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 880
	VERSION: REV **COURSE:** PSI9800 - Diversity Integration I **STUDENT REC TITLE:** Diversity Integration I **EFFECTIVE:** Fall 2012 **COURSE DESC:** First course in a 2-course sequence that also builds on PSI 8190. Focus is on increasing awareness so that students can have meaningful dialogues about cultural similarities and differences and ground their thinking in post-modern, constructionist theory. Explores the complex integration of multiple identities. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8190 QTR EQUIV: PSI 880

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2669 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI881 - Elective **STUDENT REC TITLE:** Elective **EFFECTIVE:** Spring 2010 **COURSE DESC:** Intense treatment of subject materials or techniques providing students with increased experience or specialization in specific interventions, assessments, concepts, or approaches. Titles vary. Topics vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 881
	VERSION: REV **COURSE:** PSI9810 - Diversity Integration II **STUDENT REC TITLE:** Diversity Integration II **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course builds on PSI 9800 and is a capstone course. Students demonstrate diversity competence by self assessments, case vignettes, interactive learning exercises, case presentations, and discussions of multicultural topics. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 9800 QTR EQUIV: PSI 881

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8850 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 4/25/12 **APPROVED:** 5/2/12 WorkFlow	**VERSION:** CURR **COURSE:** PSI883 - Diversity Integration IV **STUDENT REC TITLE:** Diversity Integration IV **EFFECTIVE:** Summer 2012 **COURSE DESC:** This is the fourth in a four course series, capstone course in the Diversity Integration series. Emphasis is on case conceptualization, review of cases drawn from practicum, and treatment planning incorporating multiple identities. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Colleges: School of Prof Psychology QTR PREREQ: PSI 819, Multicultural Lab I; PSI 820, Multicultural Lab II; PSI 880, Diversity Integration I; PSI 881, Diversity Integration II; PSI 882, Diversity Integration III; PSI 831, Adult Psychopathology; PSI 832, Child Psychopathology
	VERSION: REV **COURSE:** PSI9820 - Diversity Integration III **STUDENT REC TITLE:** Diversity IntegrationIII **EFFECTIVE:** Spring 2013 **COURSE DESC:** This is the third (capstone) course in a series of three diversity courses on the integration of multiple identities in professional practice. Students are expected to demonstrate diversity competence via reflective learning. The purpose of the course is to help students become more confident in using the competencies that s/he has acquired as a result of diversity courses and clinical training. **COLLEGE:** School of Prof Psychology **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 2 REP TIMES: 1 RESTRICTION: Enrollment is open to SOPP students only. SEM PREREQ: PSI 8190, Multicultural Lab; PSI 9800, Diversity Integration I; PSI 9810, Diversity Integration II; PSI 8310, Psychopathology; PSI 8300, Interviewing; PSI 8110, Cognitive Assessment; PSI 8110L, Cognitive Assessment Lab; PSI 8120, Objective Personality Assessment; PSI 9650, Supervision; PSI 8400, Theories of Personality & Therapy; PSI 9970, Practicum QTR PREREQ: PSI 819, Multicultural Lab I; PSI 820, Multicultural Lab II; PSI 880, Diversity Integration I; PSI 881, Diversity Integration II; PSI 882, Diversity Integration III; PSI 831, Adult Psychopathology; PSI 832, Child Psychopathology

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2698 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI908 - Practice Tutorial **STUDENT REC TITLE:** Practice Tutorial **EFFECTIVE:** Spring 2010 **COURSE DESC:** Exposure to a variety of clinical case materials using a vertical team format. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 908
	VERSION: REV **COURSE:** PSI9080 - Practice Tutorial **STUDENT REC TITLE:** Practice Tutorial **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exposure to a variety of clinical case materials using a vertical team format. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 908

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2559 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/1/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI912 - Neuropsychology II **STUDENT REC TITLE:** Neuropsychology II **EFFECTIVE:** Spring 2010 **COURSE DESC:** Introduction to the field of clinical neuropsychological assessment. Students will be provided with information relevant to the selection, administration, scoring, and interpretation of neuropsychological tests in different clinical situations. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PSI 912
	VERSION: REV **COURSE:** PSI9120 - Neuropsychological Assessment **STUDENT REC TITLE:** Neuropsych Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the field of clinical neuropsychological assessment. Students learn to select, administer, score, and interpret neuropsychological tests in different clinical situations. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8070 QTR EQUIV: PSI 912

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7545 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 3/1/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI915 - Child Assessment **STUDENT REC TITLE:** Child Assessment **EFFECTIVE:** Spring 2011 **COURSE DESC:** Overview of child assessment theory, techniques, and strategies to prepare students for further practical work in the assessment of child functioning. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 915
	VERSION: REV **COURSE:** PSI9180 - Child Assessment **STUDENT REC TITLE:** Child Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an overview of child assessment theory, techniques, and strategies to prepare students for clinical work with children and adolescents. Students will learn to administer, score, and interpret specific child assessment measures, and continue honing basic skills in integrative report writing. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: SOPP students only QTR EQUIV: PSI 915

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7970 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 8/3/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI915 - Child Assessment **STUDENT REC TITLE:** Child Assessment **EFFECTIVE:** Fall 2011 **COURSE DESC:** Overview of child assessment theory, techniques, and strategies to prepare students for further practical work in the assessment of child functioning. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 915
	VERSION: REV **COURSE:** PSI9150 - Child Assessment **STUDENT REC TITLE:** Child Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides an overview of child assessment theory, techniques, and strategies to prepare students for clinical work with children and adolescents. Students will learn to administer, score, and interpret specific child assessment measures, and continue honing basic skills in integrative report writing. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be a School of Professional Psychology student to enroll in this course. QTR EQUIV: PSI 915

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
2677 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI916 - Forensic Assessment **STUDENT REC TITLE:** Forensic Assessment **EFFECTIVE:** Spring 2010 **COURSE DESC:** Focuses on the interface between psychological assessment and the legal arena. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 916
	VERSION: REV **COURSE:** PSI9160 - Forensic Assessment **STUDENT REC TITLE:** Forensic Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the interface between psychological assessment and the legal arena. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8120 QTR EQUIV: PSI 916

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2678 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI925 - Career Assessment **STUDENT REC TITLE:** Career Assessment **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PSI 925
	VERSION: REV **COURSE:** PSI9170 - Career Assessment **STUDENT REC TITLE:** Career Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reviews major theories of career development and formal and informal career assessment instruments with emphasis on diverse populations; develops skills to administer and interpret career assessment instruments and write integrated reports. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. SEM PREREQ: PSI 8120 QTR EQUIV: PSI 925

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2656 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI918 - Integrative Assessment **STUDENT REC TITLE:** Integrative Assessment **EFFECTIVE:** Spring 2010 **COURSE DESC:** Provides a format for integrating various psychological tests into a coherent battery. In addition to addressing the evaluation of various psychological disorders, an approach is provided for constructing batteries for unique populations. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 918
	VERSION: REV **COURSE:** PSI9180 - Integrative Assessment **STUDENT REC TITLE:** Integrative Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides a format for integrating various psychological tests into a coherent battery. In addition to addressing the evaluation of various psychological disorders, an approach is provided for constructing batteries for unique populations. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psycology Students only. SEM PREREQ: PSI 8120, PSI 8130/8140 QTR EQUIV: PSI 918

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2683 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI930 - Psychodynamic Psychotherpy I **STUDENT REC TITLE:** Psychodynamic Psychotherpy I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Freud and development of psychoanalysis, neo-Freudian, and ego psychology schools. Structural aspects, techniques, and evaluation of psychoanalysis including stages of development, the unconscious, and psychodynamics. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 930
	VERSION: REV **COURSE:** PSI9430 - Psychodynamic Psychotherpy **STUDENT REC TITLE:** Psychodynamic Psychother **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents contemporary psychodynamic theory and practice. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8400 QTR EQUIV: PSI 930

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2680 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI936 - Humanistic Psychotherapy I **STUDENT REC TITLE:** Humanistic Psychotherapy I **EFFECTIVE:** Spring 2010 **COURSE DESC:** Theory, technique, and research base of client-centered psychotherapy. Theory of assessment procedures and techniques of transactional analysis. Gestalt psychotherapy and selected existential approaches. Lecture, lab, field work. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 936
	VERSION: REV **COURSE:** PSI9400 - Humanistic Psychotherapy **STUDENT REC TITLE:** Humanistic Psychotherapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory, technique, and research base of client-centered psychotherapy. Theory of assessment procedures and techniques of transactional analysis, Gestalt psychotherapy, and selected existential approaches. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. SEM PREREQ: PSI 8400 QTR EQUIV: PSI 936

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2681 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI941 - Advanced Group Therapy **STUDENT REC TITLE:** Advanced Group Therapy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Addresses practical and clinical aspects of conducting group therapy. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 941
	VERSION: REV **COURSE:** PSI9410 - Advanced Group Therapy **STUDENT REC TITLE:** Advanced Group Therapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Addresses practical and clinical aspects of conducting group therapy, with an emphasis on skill building, assessment techniques from the CORE-R Battery, and multicultural applications. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8410 QTR EQUIV: PSI 941

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2682 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI942 - Brief Psychotherapy **STUDENT REC TITLE:** Brief Psychotherapy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Study and discussion of problem-focused, time-limited interventions. Study of concepts and techniques; use of programmatic and group methods. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 942
	VERSION: REV **COURSE:** PSI9420 - Brief Psychotherapy **STUDENT REC TITLE:** Brief Psychotherapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study and discussion of problem-focused, time-limited interventions. Study of concepts and techniques; use of programmatic and group methods. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8420 QTR EQUIV: PSI 942

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2684 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI944 - Child Therapy **STUDENT REC TITLE:** Child Therapy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Behavior disorders of children and adolescents. Behavior therapy, group therapy, family therapy, milieu therapy, and pharmacotherapy as intervention techniques. Problems associated with the treatment of children. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 944
	VERSION: REV **COURSE:** PSI9440 - Child Psychotherapy **STUDENT REC TITLE:** Child Psychotherapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of current theory, research, and techniques of psychotherapy for children and adolescents with specific emphasis on behavior therapy, play therapy, group therapy, family therapy, and milieu therapy. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8400 QTR EQUIV: PSI 944

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7546 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 3/1/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI944 - Child Therapy **STUDENT REC TITLE:** Child Therapy **EFFECTIVE:** Spring 2011 **COURSE DESC:** Behavior disorders of children and adolescents. Behavior therapy, group therapy, family therapy, milieu therapy, and pharmacotherapy as intervention techniques. Problems associated with the treatment of children. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 944
	VERSION: REV **COURSE:** PSI9440 - Child Psychotherapy **STUDENT REC TITLE:** Child Psychotherapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course reviews psychological interventions and treatment approaches for children from conception through late adolescence. Conceptual foundations of the major models of psychotherapy and empirically supported interventions are emphasized. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: SOPP students only QTR EQUIV: PSI 944

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2685 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI958 - Feminist Therapy **STUDENT REC TITLE:** Feminist Therapy **EFFECTIVE:** Spring 2010 **COURSE DESC:** This seminar will address the theory underlying deminist therapy, as well as focus on applying that theory to clinical work by utilizing readings, videos, discussion, and role-plays. Students will practice conceptualizing from the feminist perspective. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 958
	VERSION: REV **COURSE:** PSI9450 - Feminist Psychotherapy **STUDENT REC TITLE:** Feminist Psychotherapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Addresses the theory underlying feminist therapy and focuses on applying that theory to clinical work by utilizing readings, videos, discussion, and role-plays. Students will practice conceptualizing from the feminist perspective. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8400 QTR EQUIV: PSI 958

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2686 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI948 - Domestic Violence **STUDENT REC TITLE:** Domestic Violence **EFFECTIVE:** Spring 2010 **COURSE DESC:** Seminar addresses research and clinical issues regarding domestic violence. Explores impact on and intervention with victims, perpetrators, children and adolescents, and society. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 948
	VERSION: REV **COURSE:** PSI9460 - Domestic Violence **STUDENT REC TITLE:** Domestic Violence **EFFECTIVE:** Fall 2012 **COURSE DESC:** Addresses research and clinical issues regarding domestic violence. Explores impact on and intervention with victims, perpetrators, children and adolescents, and society. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 948

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6180 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 10/12/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI947 - Aids:Clinical Issues-Clnts/Fam **STUDENT REC TITLE:** Aids:Clinical Issues-Clnts/Fam **EFFECTIVE:** Spring 2010 **COURSE DESC:** Explores the physiological, psychological, social, economic, and political aspects of HIV infection and AIDS with an emphasis on the unique role of psychologist as one of the many health care professionals with whom PLWAs and their families interact. Titles vary. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 947
	VERSION: REV **COURSE:** PSI9470 - AIDS: Clinical Issues **STUDENT REC TITLE:** AIDS: Clinical Issues **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores the physiological, psychological, social, economic, and political aspects of HIV infection and AIDS with an emphasis on the unique role of psychologist as one of the many health care professionals with whom PLWAs and their families interact. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 947

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8160 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 12/13/11 **APPROVED:** 1/24/12 WorkFlow	**VERSION:** REV **COURSE:** PSI9480 - Mindfulness Based Clinical Interventions **STUDENT REC TITLE:** Mindful Based Clin Inter **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will learn mindfulness theory, practice, and clinical applications. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Enrollment open to SOPP students only. SEM PREREQ: None QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2688 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI949 - Introduction to Sex Therapy **STUDENT REC TITLE:** Introduction to Sex Therapy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Assists students in expanding their knowledge base of human sexuality, developing awareness of personal sexual values, and increasing competence in intervening with clients' sexual concerns. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 949
	VERSION: REV **COURSE:** PSI9490 - Introduction to Sex Therapy **STUDENT REC TITLE:** Intro to Sex Therapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Assists students in expanding their knowledge base of human sexuality, developing awareness of personal sexual values, and increasing competence in intervening with clients' sexual concerns. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8400 QTR EQUIV: PSI 949

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2994 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/29/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI950 - Psychopharmacology **STUDENT REC TITLE:** Psychopharmacology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Interaction of genetic and environmental influences on behavior; inheritance of dominant, recessive, sex-linked characteristics; genetic influence in psychopathology, intellectual function, and personality development; and genetic counseling. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 950
	VERSION: REV **COURSE:** PSI9500 - Psychopharmacology **STUDENT REC TITLE:** Psychopharmacology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to how psychotropic medications produce their desired and undesired effects with applications to many forms of psychopathology. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. SEM PREREQ: PSI 8070 QTR EQUIV: PSI 950

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7547 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 3/1/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** PSI9510 - Developmental Behavioral Pediatrics I **STUDENT REC TITLE:** Dev. Behavioral Peds I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Part one of a two-sequence course addressing infant through adolescent development; therapeutic interventions; and assessments and interventions for disorders such as Autism, Aspergers, and Nonverbal Learning Disorders. Specific health conditions in early childhood through adolescence e.g., immunological disorders, renal disorders, traumatic brain injury, etc., will be addressed. Students will also learn about consultation (i.e. day-care and home-based), advocacy, and health care policy. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: SOPP students only SEM PREREQ: For Child Concentration Students: Child Psychotherapy / For Non-Child Concentration Students: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2689 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI952 - Family Therapy **STUDENT REC TITLE:** Family Therapy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Organization and structure of the family and common problem areas. Review of theories of family therapy and treatment strategies of marital and sexual dysfunctions. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 952
	VERSION: REV **COURSE:** PSI9520 - Family Therapy **STUDENT REC TITLE:** Family Therapy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Organization and structure of the family and common problem areas. Review of theories of family therapy and treatment strategies of marital and sexual dysfunctions. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8400 QTR EQUIV: PSI 952

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2690 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI953 - Health Psychology **STUDENT REC TITLE:** Health Psychology **EFFECTIVE:** Spring 2010 **COURSE DESC:** Techniques of therapy applied to populations whose problems arise from faulty lifestyles and not from serious psychopathology. Topics include stress management, weight control, and health maintenance. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 953
	VERSION: REV **COURSE:** PSI9530 - Health Psychology **STUDENT REC TITLE:** Health Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Techniques of therapy applied to populations whose problems arise from unhealthy lifestyles and not from serious psychopathology. Topics include stress management, weight control, and health maintenance. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 953

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7548 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 3/1/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** PSI9540 - Developmental Behavioral Pediatrics II **STUDENT REC TITLE:** Dev. Behavioral Peds II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Part II of a 2-course sequence addressing infant through adolescent development; therapeutic interventions; and assessments and interventions for disorders such as Autism, Aspergers, and Nonverbal Learning Disorders. Specific health conditions in early childhood through adolescences will be addressed. Students will also learn about consultation regarding day-care and home-based, advocacy, and health care policy. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: SOPP students only SEM PREREQ: For Child Concentration Students: Child Psychotherapy / For Non-Child Concentration Students: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8849 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 4/25/12 **APPROVED:** 5/2/12 WorkFlow	**VERSION:** REV **COURSE:** PSI9550 - Play Therapy **STUDENT REC TITLE:** Play Therapy **EFFECTIVE:** Summer 2013 **COURSE DESC:** This course teaches graduate students about the essential elements and principles of play therapy including history, theory and modalities, techniques, applications, and skills. Emphasis will be on non-directive, directive, and empirically-based approaches. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 3 REP TIMES: 1 RESTRICTION: Enrollment is open to SOPP students only. SEM PREREQ: PSI 8310, Adult Psychopathology; PSI 9440, Child Psychopathology; PSI 9180, Child Assessment preferred QTR PREREQ: PSI 831, Adult Psychopathology; PSI 944, Child Psychopathology; PSI 918, Child Assessment preferred

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2666 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 6/29/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI959 - Integrative Psychotherapy **STUDENT REC TITLE:** Integrat Psychotherapy **EFFECTIVE:** Spring 2010 **COURSE DESC:** Practicum in developing, monitoring, and reviewing individualized service-by-objective plans and programmatic service plans. Peer review, criteria development, and other quality assurance methods are applied. Lecture, lab, field work. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 959
	VERSION: REV **COURSE:** PSI9590 - Integrative Psychotherapy **STUDENT REC TITLE:** Integrative Psycho. **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores integrative approaches to psychotherapy. The course will expose students to current perspectives on psychotherapy integration and the history of the integrative movement. Students will also have the opportunity to examine and apply a variety of strategies for integration, as well as examine issues and challenges to developing an integrative stance. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 8400, 3 Intervention Courses QTR EQUIV: PSI 959

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2673 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI965 - Supervision **STUDENT REC TITLE:** Supervision **EFFECTIVE:** Spring 2010 **COURSE DESC:** Focuses on issues related to clinical supervision in psychology; i.e., the process and complexities of supervision, ethical issues, multicultural issues and considerations, and supervision theory and research. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 965
	VERSION: REV **COURSE:** PSI9650 - Supervision **STUDENT REC TITLE:** Supervision **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on issues related to clinical supervision in psychology; i.e., the process and complexities of supervision, ethical issues, multicultural issues and considerations, and supervision theory and research. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 9970 QTR EQUIV: PSI 965

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2674 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI966 - Professional Ethics/Issues **STUDENT REC TITLE:** Professional Ethics/Issues **EFFECTIVE:** Spring 2010 **COURSE DESC:** Provide a working knowledge of APA ethical principles and code of conduct, and Ohio law and rules governing psychologists. Increase sensitivity to potential ethical dilemmas and develop skills in identifying and resolving ethical dilemmas in professional psychology. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 966
	VERSION: REV **COURSE:** PSI9660 - Professional Ethics and Issues **STUDENT REC TITLE:** Prof. Ethics and Issues **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides a working knowledge of APA ethical principles and code of conduct, Ohio law and rules governing psychologists, and basic principles of risk management. Increases sensitivity to potential ethical dilemmas and develops skills in identifying and resolving ethical dilemmas in professional psychology. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. SEM PREREQ: PSI 9970 QTR EQUIV: PSI 966

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
9043 **STATUS:** Process **CREATOR:** Michael Sullivan **CREATED:** 5/18/12 **APPROVED:** 5/21/12 WorkFlow	**VERSION:** CURR **COURSE:** PSI967 - Ethics in an Interprofessional Context **STUDENT REC TITLE:** Multiprofessional Ethics **EFFECTIVE:** Summer 2012 **COURSE DESC:** Study and discussion between faculty and students from medicine, professional psychology, and theology concerning ethical issues and implication for client/patient care across professional disciplines. Titles vary. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional
	VERSION: REV **COURSE:** PSI9670 - Ethics in an Interprofessional Context **STUDENT REC TITLE:** Multiprofessional Ethics **EFFECTIVE:** Spring 2013 **COURSE DESC:** Physicians, psychologists and clergy must interact with a variety of professionals in their practices and in their roles as community leaders. The course will address ethical issues of common concern to these professional groups. Discussing these issues in an interprofessional context will increase understanding of the issues themselves as well as increase appreciation for the tasks and problems of professional partners. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Enrollment in PSI 9670 is limited to SOPP students only.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2693 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI972 - Program Evaluation **STUDENT REC TITLE:** Program Evaluation **EFFECTIVE:** Spring 2010 **COURSE DESC:** Emphasis on knowledge of measurement theory, test construction, survey methods, and questionnaire techniques. Study of reliability and validity of measurement devices. Familiarity with APA standards for tests and test usage. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 972
	VERSION: REV **COURSE:** PSI9720 - Program Evaluation **STUDENT REC TITLE:** Program Evaluation **EFFECTIVE:** Fall 2012 **COURSE DESC:** The goal for the course is to make students familiar with basic concepts and practice in program evaluation. The objectives of this course are to teach students about key concepts in program evaluation including program logic models and to provide students with an opportunity to apply their skills by working on a program evaluation. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 972

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5502 **STATUS:** Complete **CREATOR:** Michael Sullivan **CREATED:** 9/23/10 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PSI975 - Forensic Psychology:Civil **STUDENT REC TITLE:** Forensic Psychology:Civil **EFFECTIVE:** Fall 2010 **COURSE DESC:** Continuation of PSI 875. Focuses on civil court proceedings such as civil commitment, family law, and professional practice issues. Forensic Psychology I is not a prerequisite, but those who have not had the course must meet with the instructor prior to enrolling. Titles vary. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 975
	VERSION: REV **COURSE:** PSI9750 - Forensic Psychology **STUDENT REC TITLE:** Forensic Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the legal system including an overview of legal and political systems and processes, criminal and civil issues in forensic psychology, and the relevance of legal issues for practitioners and clients. Topics range from correctional psychology to competency issues. **COLLEGE:** School of Prof Psychology **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology students only. QTR EQUIV: PSI 975

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2699 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI993 - First Year Clinical Experience **STUDENT REC TITLE:** First Year Clinical Experience **EFFECTIVE:** Spring 2010 **COURSE DESC:** Students, under supervision, become acquainted with the work of professional psychologists through direct and indirect experience. Successful completion of two quarters is required for the PsyM degree. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 993
	VERSION: REV **COURSE:** PSI9930 - First Year Clinical Experience **STUDENT REC TITLE:** First Year Clinical Exp **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students, under supervision, become acquainted with the work of professional psychologists through direct and indirect experience. Successful completion of two quarters is required for the PsyM degree. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 993

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2694 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI994 - Applied Teaching Practice **STUDENT REC TITLE:** Applied Teaching Practice **EFFECTIVE:** Spring 2010 **COURSE DESC:** Students are given hands-on experience in assisting faculty in teaching a course or seminar. Issues dealt with are those common to most teaching settings: development of a syllabus, choice of teaching methods, grading/evaluation and obtaining feedback from students. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 994
	VERSION: REV **COURSE:** PSI9940 - Applied Teaching Practice **STUDENT REC TITLE:** Applied Teaching Prac **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students are given hands-on experience in assisting faculty in teaching a course or seminar. Issues dealt with are those common to most teaching settings: development of a syllabus, choice of teaching methods, grading/evaluation and obtaining feedback from students. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Pyschology Students only. QTR EQUIV: PSI 994

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2696 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI995 - Directed Study **STUDENT REC TITLE:** Directed Study **EFFECTIVE:** Spring 2010 **COURSE DESC:** Individualized course of readings completed under faculty supervision. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 995
	VERSION: REV **COURSE:** PSI9950 - Directed Study **STUDENT REC TITLE:** Directed Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Individualized course of readings completed under faculty supervision. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 995

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2697 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** REV **COURSE:** PSI9960 - Selected Topics **STUDENT REC TITLE:** Selected Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Content selected by instructor in consultation with the Office of Academic Affairs. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2700 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI997 - Supervised Experience **STUDENT REC TITLE:** Supervised Experience **EFFECTIVE:** Spring 2010 **COURSE DESC:** Faculty supervised clerkship, field placement, or other isolated circumscribed professional experience. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 997
	VERSION: REV **COURSE:** PSI9970 - Practicum **STUDENT REC TITLE:** Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Field experience supervised by a licensed psychologist. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 997

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2701 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI998 - Professional Dissertation **STUDENT REC TITLE:** Professional Dissertation **EFFECTIVE:** Spring 2010 **COURSE DESC:** Project of excellence or other professional project carried out with faculty approval and supervision. **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 998
	VERSION: REV **COURSE:** PSI9980 - Professional Dissertation **STUDENT REC TITLE:** Prof Dissertation **EFFECTIVE:** Fall 2012 **COURSE DESC:** An original creative work, produced independently by the student with guidance from the committee that exemplifies the students ability to think critically, to evaluate research, theory, or other scholarly or clinical work, and to write clearly and concisely. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 998

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2702 **STATUS:** Complete **CREATOR:** Mark Lightle **CREATED:** 4/8/10 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** PSI999 - Internship **STUDENT REC TITLE:** Internship **EFFECTIVE:** Spring 2010 **COURSE DESC:** **COLLEGE:** School of Prof Psychology **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Professional QTR EQUIV: PSI 999
	VERSION: REV **COURSE:** PSI9990 - Internship **STUDENT REC TITLE:** Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Capstone clinical experience for the Psy.D. degree, completed under supervision by a licensed psychologist. **COLLEGE:** School of Prof Psychology **CRED HR:** 0 **VAR CRED RANGE:** 1 - 6 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Professional Psychology Students only. QTR EQUIV: PSI 999

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7182 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 1/31/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY371 - Perception **STUDENT REC TITLE:** Perception **EFFECTIVE:** Spring 2011 **COURSE DESC:** Study of the active processes by which organisms gather, interpret, and respond to environmental stimuli. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture
	VERSION: REV **COURSE:** PSY7060 - Perception **STUDENT REC TITLE:** Perception **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the active processes by which organisms gather, interpret, and respond to environmental stimuli. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8341 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 1/31/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5040 - Industrial and Organizational Psychology **STUDENT REC TITLE:** Industrial and Org Psy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Scientific psychological principles, procedures, and methods applied to human behavior in organizations. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3040 QTR EQUIV: PSY 504

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8343 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 1/31/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5070 - Tests and Measures **STUDENT REC TITLE:** Tests & Measures **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the use, application, evaluation, and development of psychological tests and measures including ability, aptitude, attitude, standardized, or normed measures. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 XLIST: PSY 3070 QTR PREREQ: PSY 301 QTR EQUIV: PSY 507

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8344 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5090 - Psychology of Health Behavior **STUDENT REC TITLE:** Psy of Health Behavior **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of the psychology of health care. The focus is both theoretical and practical, emphasizing the integration of physiological and psychological knowledge. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3090 QTR EQUIV: PSY 509

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8345 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5110 - Abnormal Psychology **STUDENT REC TITLE:** Abnormal Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Facts and theories pertaining to abnormal behavior. Topics include classification and diagnosis, and causes and treatment of abnormal behavior. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3110 QTR EQUIV: PSY 511

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8346 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5210 - Cognition and Learning **STUDENT REC TITLE:** Cognition and Learning **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theories, methodologies, and applications in the areas of attention, perception, visual imagery, memory, expert performance, decision making, and problem solving. Emphasis on how the brain performs cognitive functions. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3210 QTR EQUIV: PSY 521

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8347 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5310 - Psychology of Personality **STUDENT REC TITLE:** Psychology Personality **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of contemporary perspectives in personality psychology. Compares research methods, assessment strategies, and applications. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3310 QTR EQUIV: PSY 531

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8348 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5410 - Lifespan Development Psychology **STUDENT REC TITLE:** Lifespan Development Psy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of theory, research, and methodological issues in the study of development across the lifespan. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3410 QTR EQUIV: PSY 541

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8349 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5510 - Social Psychology **STUDENT REC TITLE:** Social Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Current theories and experimental findings examining the situational and social causes underlying people's attitudes, beliefs, and behaviors. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3510 QTR EQUIV: PSY 551

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8351 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5600 - Engineering Psychology **STUDENT REC TITLE:** Engineering Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the study of human factors in the design and operation of machine systems. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 and PSY 3210 XLIST: PSY 3600 QTR EQUIV: PSY 506

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8352 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5610 - Conditioning and Learning **STUDENT REC TITLE:** Conditioning & Learning **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to experimental findings and contemporary theories of conditioning, learning, and motivation. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3610 QTR EQUIV: PSY 561

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8353 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5710 - Perception **STUDENT REC TITLE:** Perception **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines active processes by which organisms gather, interpret, and respond to environmental stimuli. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3710 QTR EQUIV: PSY 571

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8354 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5910 - Behavioral Neuroscience I **STUDENT REC TITLE:** Behavioral Neurosci I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Physiological mechanisms of behavior. Basic neuroanatomy and neurophysiology, neuronal development and function, psychopathology, reproduction, learning, sleep, and stress. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 XLIST: PSY 3910 QTR EQUIV: PSY 591

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8355 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/1/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY5920 - Behavioral Neuroscience II **STUDENT REC TITLE:** Behavioral Neurosci II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Learning and memory, reinforcement systems, ingestive behavior, sensory and motor systems, psychopharmacology, and addictive processes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3910 or PSY 5910 XLIST: PSY 3920 QTR EQUIV: PSY 592

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8408 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6000 - Psychology Capstone Special Topics **STUDENT REC TITLE:** PSY Capstone Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** A selected psychology capstone topic. The topic will vary according to the discretion of the instructor. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 99 RESTRICTION: Must be enrolled in one of the following Programs: Psychology Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3020 XLIST: PSY 4000

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8409 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6010 - Advanced Topics in Research Methods **STUDENT REC TITLE:** Adv Research Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced methods in selected areas of psychology. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Enrollment by instructor permission only; must be enrolled in one of the following levels: graduate. SEM PREREQ: PSY 1010 and PSY 3010 and PSY 3020 or equivalent. XLIST: PSY 4010 QTR EQUIV: PSY 602

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8410 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6020 - Advanced Experimental Design: Packaged Computer Programs **STUDENT REC TITLE:** Adv Exp Design: Programs **EFFECTIVE:** Fall 2012 **COURSE DESC:** Use of canned computer programs such as SPSS, SAS, and BIOMED in the design, analysis, and interpretation of behaviorally oriented research. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 and PSY 3010 and PSY 3020 or equivalent. XLIST: PSY 4020 QTR EQUIV: PSY 601

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8411 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6030 - Practicum in Applied Psychology **STUDENT REC TITLE:** Practicum in Applied Psy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised work in an applied psychological setting consistent with students' individual interests (e.g., mental health agency, industrial, or organizational setting). Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 and PSY 3010 and PSY 3020 or equivalent. XLIST: PSY 4030 QTR EQUIV: PSY 632

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8412 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6040 - Independent Readings in Selected Topics in Psychology **STUDENT REC TITLE:** Independent Reading **EFFECTIVE:** Fall 2012 **COURSE DESC:** Specific topics selected by students and instructor. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 or equivalent. XLIST: PSY 4040 QTR EQUIV: PSY 690

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8413 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6060 - Independent Research **STUDENT REC TITLE:** Independent Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Original problems for investigation. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 99 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 1010 and PSY 3010 and PSY 3020 or equivalent. XLIST: PSY 4060 QTR EQUIV: PSY 698

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8414 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6100 - Applied Psychology Capstone **STUDENT REC TITLE:** Applied Psych Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Writing and oral communication intensive seminar integrating knowledge on applied psychology. Topic will vary by title. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Must be enrolled in one of the following Programs: Psychology Must be enrolled in one of the following Levels: Graduate. SEM PREREQ: PSY 3010 and PSY 3020 XLIST: PSY 4100 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8415 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6110 - Positive Psychology Capstone **STUDENT REC TITLE:** Positive Psy Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge within Positive Psychology. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Enrollment by instructor permission only; must be enrolled in one of the following levels: graduate. SEM PREREQ: PSY 1010 and PSY 3010 and PSY 3020 or equivalent. XLIST: PSY 4110 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8416 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6120 - Applied Sports Psychology Capstone **STUDENT REC TITLE:** Applied Sports Psy Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge within Sports Psychology. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology Must be enrolled in one of the following Levels: Graduate. SEM PREREQ: PSY 3010 and PSY 3020 XLIST: PSY 4120 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8417 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6130 - Psychology in Film Capstone **STUDENT REC TITLE:** Psy in Film Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge examining psychology in film. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology Must be enrolled in one of the following Levels: Graduate. SEM PREREQ: PSY 3010 and PSY 3020 XLIST: PSY 4130 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8418 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/3/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6140 - Conditioning and Learning Capstone **STUDENT REC TITLE:** Cond and Learning Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge within conditioning and learning. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Psychology Must be enrolled in one of the following Levels: Graduate. SEM PREREQ: PSY 3010 and PSY 3020 XLIST: PSY 4140 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8442 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6200 - Cognitive Psychology Capstone **STUDENT REC TITLE:** Cognitive Psych Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on Cognitive Psychology. Topics will vary. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3210 or equivalent XLIST: PSY 4200 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8443 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6210 - Information Processing Capstone **STUDENT REC TITLE:** Info Processing Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on information processing skills such as selective attention, pattern recognition, reading, problem solving, and human performance. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3210 or equivalent XLIST: PSY 4210 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8444 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6220 - Psycholinguistics Capstone **STUDENT REC TITLE:** Psycholinguistics Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on language: its development during the first years of life, its biological basis, its normal and abnormal characteristics. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3210 or equivalent XLIST: PSY 4220 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8445 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6230 - Problem Solving and Reasoning Capstone **STUDENT REC TITLE:** Problem Solving Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Writing and oral communication intensive seminar integrating knowledge on problem solving and reasoning. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3210 or equivalent XLIST: PSY 4230 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7265 **STATUS:** Complete **CREATOR:** Kevin Bennett **CREATED:** 2/3/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY625 - Human-Computer Interface **STUDENT REC TITLE:** Human-Computer Interface **EFFECTIVE:** Spring 2011 **COURSE DESC:** Examination of critical factors (nature of tasks to be performed, human capabilities/limitations) in the design of effective computer interfaces. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 625
	VERSION: REV **COURSE:** PSY8320 - Human-Computer Interface **STUDENT REC TITLE:** Human-Computer Interface **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of critical factors in the design of effective computer interfaces from a cognitive systems engineering and ecological interface design perspective. Design principles discussed include direct perception, direct manipulation, and visual momentum. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 625

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8447 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6300 - Abnormal Psychology Capstone **STUDENT REC TITLE:** Abnormal Psych Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Writing and oral communication intensive seminar integrating knowledge on select topics within Abnormal Psychology. Topic will vary. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3110 XLIST: PSY 4300 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8448 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6310 - Clinical Psychology Capstone **STUDENT REC TITLE:** Clinical Psychology Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge within Clinical Psychology. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3110 or equivalent XLIST: PSY 4310 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8449 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6330 - Personality Psychology Capstone **STUDENT REC TITLE:** Personal Psych Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on personality, including theory, research, and application. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3310 or equivalent XLIST: PSY 4330 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8450 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6360 - Developmental Psychology Capstone **STUDENT REC TITLE:** Development Psych Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on current theory, research, and applied issues in selected aspects of development across the lifespan. Topic will vary. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3410 or equivalent XLIST: PSY 4360 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8451 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6370 - Psychology of Aging Capstone **STUDENT REC TITLE:** Psychology of Aging Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on theories, methods, and research related to human aging. Focus on both current research and applications from psychology. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3410 or equivalent XLIST: PSY 4370 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8452 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6400 - Industrial/Organizational Capstone **STUDENT REC TITLE:** Ind/Org Psych Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on industrial/organizational psychology. Topics will vary. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3040 or equivalent XLIST: PSY 4400 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8453 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6410 - Advanced Topics in Industrial Psychology Capstone **STUDENT REC TITLE:** Industrial Psy Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Writing and oral communication intensive seminar integrating knowledge on Industrial Psychology. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3040 or equivalent XLIST: PSY 4410 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8454 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6420 - Advanced Topics in Organizational Psychology Capstone **STUDENT REC TITLE:** Organizational Psy Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on Organizational Psychology. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3040 or equivalent XLIST: PSY 4420 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7238 **STATUS:** Complete **CREATOR:** Corey Miller **CREATED:** 2/1/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY643 - Psychometrics **STUDENT REC TITLE:** Psychometrics **EFFECTIVE:** Spring 2011 **COURSE DESC:** Measurement theory and its application to test development including concepts of reliability, validity, discriminatin, and prediction. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PSY 701 QTR EQUIV: PSY 643
	VERSION: REV **COURSE:** PSY8630 - Psychometrics **STUDENT REC TITLE:** Psychometrics **EFFECTIVE:** Fall 2012 **COURSE DESC:** **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 SEM PREREQ: PSY 7010 QTR PREREQ: PSY 701 QTR EQUIV: PSY 643

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8455 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6430 - Psychometrics Capstone **STUDENT REC TITLE:** Psychometrics Capstone **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on psychometrics. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3070 or equivalent XLIST: PSY 4430 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8456 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6440 - Work Stress Capstone **STUDENT REC TITLE:** Work Stress Capstone **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on work stress. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3040 or equivalent XLIST: PSY 4440 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8457 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6500 - Social Psychology Capstone **STUDENT REC TITLE:** Social Psych Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on Social Psychology. Topic will vary by title. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3510 or equivalent XLIST: PSY 4500 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8458 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6510 - Cross-Cultural Psychology Capstone **STUDENT REC TITLE:** Cross-Cul Psy Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on Cross-Cultural Psychology. Explores national differences in perception, cognition, and self-concept as well as in personality dynamics and interpersonal interactions, and addresses the challenges of globalization. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3510 or equivalent XLIST: PSY 4510 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8459 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6520 - Advanced Topics in Prejudice Research Capstone **STUDENT REC TITLE:** Prejudice Research Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Discusses research on the topics of stereotyping, prejudice, discrimination, and related phenomena. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 3 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and (PSY 2510 or PSY 3510) or equivalent XLIST: PSY 4520 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8460 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/8/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6530 - Psychology and the Law Capstone **STUDENT REC TITLE:** Psy and the Law Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge within Forensic Psychology. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 or equivalent XLIST: PSY 4530 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8479 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6600 - Human Factors Psychology Capstone **STUDENT REC TITLE:** Human Factors Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on human factors psychology. Topics will vary. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3600 or equivalent XLIST: PSY 4600 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8480 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6610 - Human-Computer Interface Capstone **STUDENT REC TITLE:** Human-Comp Interface Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication intensive seminar integrating knowledge on human-computer interface issues. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3600 or equivalent XLIST: PSY 4610 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8481 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6620 - Ergonomics Capstone **STUDENT REC TITLE:** Ergonomics Capstone **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on ergonomics. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3600 or equivalent XLIST: PSY 4620 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8482 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6630 - Human Error Capstone **STUDENT REC TITLE:** Human Error Capstone **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on human error. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3600 or equivalent XLIST: PSY 4630 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7267 **STATUS:** Complete **CREATOR:** Kevin Bennett **CREATED:** 2/3/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY665 - Information Processing **STUDENT REC TITLE:** Information Processing **EFFECTIVE:** Spring 2011 **COURSE DESC:** Also listed as BMS 905). Study of cognitive skills (e.g., attention) and the scientific paradigms used in their investigation. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 665
	VERSION: REV **COURSE:** PSY8210 - Cognition & Reality: Paradigms in Experimental Psychology **STUDENT REC TITLE:** Paradigms in Exp. Psych. **EFFECTIVE:** Fall 2012 **COURSE DESC:** The topic of scientific revolutions (as described by Kuhn) and how they apply to experimental psychology is described. Students will learn about the concepts of normal vs. revolutionary science, the rational vs. conventional rules of science and scientific paradigms. Students will analyze paradigmatic shifts occurring in experimental psychology over the past century, including behaviorism, information processing, and ecological approaches to psychology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 665

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8483 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6700 - Advanced Topics in Perception Capstone **STUDENT REC TITLE:** Adv Topics Percept Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on perception. Topic will vary by title. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3710 or equivalent XLIST: PSY 4700 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8485 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6720 - Selective Visual Attention Capstone **STUDENT REC TITLE:** Select Visual Attn Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on selective visual attention. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3710 or equivalent XLIST: PSY 4720 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8493 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6730 - Hearing Capstone **STUDENT REC TITLE:** Hearing Capstone **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on the perception of hearing. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3710 or equivalent XLIST: PSY 4730 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8494 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6740 - Space and Time Capstone **STUDENT REC TITLE:** Space and Time Capstone **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on space and time. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3710 or equivalent XLIST: PSY 4740 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8088 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 10/28/11 **APPROVED:** 1/24/12 WorkFlow	**VERSION:** CURR **COURSE:** PSY675 - Signal Detection Theory **STUDENT REC TITLE:** Signal Detection Theory **EFFECTIVE:** Winter 2012 **COURSE DESC:** Presents signal detection theory in the context of Thurstonian scaling and statistical decision theory. Studies the application of signal detection theory in various areas of psychology including psychophysics, memory, physiology, and psycholinguistics. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PSY 701 QTR EQUIV: PSY 675
	VERSION: REV **COURSE:** PSY9010 - Signal Detection Theory **STUDENT REC TITLE:** Signal Detection Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Presents signal detection theory in the context of Thurstonian scaling and statistical decision theory. Studies the application of signal detection theory in various areas of psychology including psychophysics, memory, physiology, and psycholinguistics. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 7010 or permission of instructor QTR PREREQ: PSY 701 QTR EQUIV: PSY 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7982 **STATUS:** Complete **CREATOR:** John Flach **CREATED:** 8/24/11 **APPROVED:** 9/15/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY681 - History of Psychology **STUDENT REC TITLE:** Hst of Psychology **EFFECTIVE:** Fall 2011 **COURSE DESC:** Major trends in the development of psychology from its beginning to the present. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 681
	VERSION: REV **COURSE:** PSY9100 - History of Psychology **STUDENT REC TITLE:** Hst of Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Major trends in the development of psychology from its beginning to the present. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 681

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8495 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6900 - Behavioral Neuroscience Capstone **STUDENT REC TITLE:** Behavioral Neuro Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge within behavioral neuroscience. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 6 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 or equivalent XLIST: PSY 4900 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8496 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6910 - Psychobiology of Stress Capstone **STUDENT REC TITLE:** Psychobio of Stress Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on the psychobiology of stress. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 or equivalent XLIST: PSY 4910 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8497 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6920 - Clinical Neuroscience Capstone **STUDENT REC TITLE:** Clinical Neuro Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on clinical neuroscience. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 or equivalent XLIST: PSY 4920 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8498 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6930 - Behavioral Neuroscience Education Capstone **STUDENT REC TITLE:** Behav Neuro Ed Capstone **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on behavioral neuroscience education. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 or equivalent XLIST: PSY 4930 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8499 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6940 - Animal Behavior Capstone **STUDENT REC TITLE:** Animal Behavior Capstone **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on animal behavior. Topics will include evolution, natural and sexual selection, and mating systems. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 SEM PREREQ: PSY 1010 and PSY 3010 and PSY 3020 or equivalent XLIST: PSY 4940 QTR EQUIV: PSY 678

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8500 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6950 - Sexuality and Endocrinology Capstone **STUDENT REC TITLE:** Sex & Endocrinology Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on sexuality and endocrinology. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and (PSY 2110 or PSY 2920 or PSY 3910) or equivalent XLIST: PSY 4950 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8501 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 2/13/12 **APPROVED:** 3/14/12 WorkFlow	**VERSION:** REV **COURSE:** PSY6960 - Behavioral Embryology and Teratology Capstone **STUDENT REC TITLE:** Behav Embry & Terat Cap **EFFECTIVE:** Fall 2012 **COURSE DESC:** Communication-intensive seminar integrating knowledge on behavioral embryology and teratology. Integrated Writing course. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Registration by instructor permission only; Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3010 and PSY 3020 and PSY 3910 or equivalent XLIST: PSY 4960 QTR EQUIV: PSY 687

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7509 **STATUS:** Complete **CREATOR:** Gary Burns **CREATED:** 2/21/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY701 - research Design and Quantitative Methods **STUDENT REC TITLE:** Dsgn & Quant **EFFECTIVE:** Spring 2011 **COURSE DESC:** The foundation of experimental design and quantitative techniques will be developed. Students are expected to understand assumptions underlying each technique or procedure. They must also understand their applications to experimental and field research and to experimental and quasi-experimental designs. Both complex analyses of variance, multiple regression and non-parametric techniques will be covered. Computation and computer skills must be mastered. First year research projects and their design and analysis will be reviewed. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY7010 - Research Design and Quantitative Methods I **STUDENT REC TITLE:** Dsgn & Quant **EFFECTIVE:** Fall 2012 **COURSE DESC:** The foundation of experimental design and quantitative techniques will be developed. Students are expected to understand assumptions underlying each technique or procedure. They must also understand their applications to experimental and field research and to experimental and quasi-experimental designs. Both complex analyses of variance, multiple regression and non-parametric techniques will be covered. Computation and computer skills must be mastered. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7020 **STATUS:** Complete **CREATOR:** Valerie Shalin **CREATED:** 1/25/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY702 - Research Design and Quantitative Methods: ANOVA **STUDENT REC TITLE:** Dsgn & Quant:ANOVA **EFFECTIVE:** Spring 2011 **COURSE DESC:** Continuation of PSY 701. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 701 QTR EQUIV: PSY 702
	VERSION: REV **COURSE:** PSY7020 - Research Design and Quantitative Methods: ANOVA **STUDENT REC TITLE:** Dsgn **EFFECTIVE:** Fall 2012 **COURSE DESC:** Continuation of PSY 701. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: 4 semester hours are requested so that the former 701, 702, 703 quarter sequence can be split into two 4 semester hours courses. SEM PREREQ: Graduate level PSY 701 QTR PREREQ: Graduate level PSY 701 QTR EQUIV: PSY 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7855 **STATUS:** Complete **CREATOR:** Nathan Bowling **CREATED:** 6/11/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY732 - Personality Structure and Assessment **STUDENT REC TITLE:** Personality Structure **EFFECTIVE:** Fall 2011 **COURSE DESC:** The major approaches for describing personality structure will be discussed and the results of factor analytic studies will be summarized. Implications of personality structure for behavior will be explored and the interactionist model will be described and evaluated. Relevant data on individual differences and tests will be summarized and evaluated. Consistency of differences across situations as well as application of results will be discussed. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY7030 - Personality Structure and Assessment **STUDENT REC TITLE:** Personality Structure **EFFECTIVE:** Fall 2012 **COURSE DESC:** The major approaches for describing personality structure will be discussed and the results of factor analytic studies will be summarized. Implications of personality structure for behavior will be explored and the interactionist model will be described and evaluated. Relevant data on individual differences and tests will be summarized and evaluated. Consistency of differences across situations as well as application of results will be discussed. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7786 **STATUS:** Complete **CREATOR:** Tamera Schneider **CREATED:** 5/23/11 **APPROVED:** 6/16/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY753 - Group Processes and Social Behavior **STUDENT REC TITLE:** Grp Process & Soc Beh **EFFECTIVE:** Fall 2011 **COURSE DESC:** Theories and data on social behavior will be reviewed. Topics will include attitude and attitude change, social perception, prejudice, and group decision-making. Possible applications will be discussed. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: graduate level QTR EQUIV: PSY 753
	VERSION: REV **COURSE:** PSY7040 - Group Processes and Social Behavior **STUDENT REC TITLE:** Grp Process & Soc Beh **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theories and data on social behavior will be reviewed. Topics will include attitude and attitude change, social perception, prejudice, and group decision-making. Possible applications will be discussed. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: graduate level QTR PREREQ: graduate level QTR EQUIV: PSY 753

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7729 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 4/16/11 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY761 - Human Learning and Memory **STUDENT REC TITLE:** Human Lrng & Memory **EFFECTIVE:** Summer 2011 **COURSE DESC:** Phenomena, principles, and problems of learning and retention. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 761
	VERSION: REV **COURSE:** PSY7050 - Cognition **STUDENT REC TITLE:** Cognition **EFFECTIVE:** Fall 2012 **COURSE DESC:** Phenomena, principles, and problems of human cognition and learning. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 3 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Justification for variable credits The syllabus was created assuming a 3 credit course. As it shows, there are many required topics that have to be covered in depth for Ph. D. students in our graduate program. Students read and learn about current state of research and theory. Their projects and presentations focus on describing the current basis of knowledge too. The extra 1 credit will be used to experiment with innovative activities, especially thought provoking ones, without watering down the necessary required course materials. For example, a weekly student panel of a few students each week may take a specialized topic and explore alternative approaches to experimentally testing alternative theories for a phenomenon in the topic area. Theplan is to start with offering the 3 credit course for the first time or two that the course is offered in order to make sure that the planned organization is appropriate for semesters and then to use the 4 credit course optionally when trying potentially thought provoking activities such as the example described above. QTR EQUIV: PSY 761

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7062 **STATUS:** Complete **CREATOR:** David Lahuis **CREATED:** 1/27/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY707 - Multivariate Methods in Psychology **STUDENT REC TITLE:** Multivariate Meth Psy **EFFECTIVE:** Spring 2011 **COURSE DESC:** Issues in multivariate analysis are reviewed using statistical software programs. These issues include path analysis, principle components analysis, confirmatory factor analysis, and structural regression models. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 702 and Graduate level PSY 703 QTR EQUIV: PSY 707
	VERSION: REV **COURSE:** PSY9070 - Multivariate Methods in Psychology **STUDENT REC TITLE:** Multivariate Meth Psy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Issues in multivariate analysis are reviewed using statistical software programs. These issues include path analysis, principle components analysis, confirmatory factor analysis, and structural regression models. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Graduate level PSY 7010 and Graduate level PSY 7020 QTR PREREQ: Graduate level PSY 702 and Graduate level PSY 703 QTR EQUIV: PSY 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7827 **STATUS:** Complete **CREATOR:** Tamera Schneider **CREATED:** 6/3/11 **APPROVED:** 6/29/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY707 - Multivariate Methods in Psychology **STUDENT REC TITLE:** Multivariate Meth Psy **EFFECTIVE:** Fall 2011 **COURSE DESC:** Issues in multivariate analysis are reviewed using statistical software programs. These issues include path analysis, principle components analysis, confirmatory factor analysis, and structural regression models. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 702 and Graduate level PSY 703
	VERSION: REV **COURSE:** PSY9050 - Quasi-Experimentation **STUDENT REC TITLE:** Quasi-Experimentation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Issues in design and analysis for field settings are reviewed. These issues quasi-experimental design, validity, and statistical analysis. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 702 and Graduate level PSY 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7958 **STATUS:** Complete **CREATOR:** David Lahuis **CREATED:** 8/1/11 **APPROVED:** 9/15/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY707 - Multivariate Methods in Psychology **STUDENT REC TITLE:** Multivariate Meth Psy **EFFECTIVE:** Fall 2011 **COURSE DESC:** Issues in multivariate analysis are reviewed using statistical software programs. These issues include path analysis, principle components analysis, confirmatory factor analysis, and structural regression models. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 707
	VERSION: REV **COURSE:** PSY9060 - Multivariate Methods in Psychology **STUDENT REC TITLE:** Multivariate Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Issues in multivariate analysis are reviewed using statistical software programs. These issues include path analysis, principle components analysis, confirmatory factor analysis, and structural regression models. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate level students only QTR EQUIV: PSY 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7816 **STATUS:** Complete **CREATOR:** Pamela Tsang **CREATED:** 5/31/11 **APPROVED:** 6/17/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY721 - Engineering Psychology **STUDENT REC TITLE:** Engineering Psychology **EFFECTIVE:** Fall 2011 **COURSE DESC:** A survey of psychological principles and methods pertinent to issues of human-machine interactions. It is emphasized that basic and applied research inform each other and are both necessary for advancing the field. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PSY 321 or PSY 465 QTR EQUIV: PSY 721
	VERSION: REV **COURSE:** PSY8340 - Engineering Psychology **STUDENT REC TITLE:** Engineering Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** A survey of psychological principles and methods pertinent to issues of human-machine interactions. It is emphasized that basic and applied research inform each other and are both necessary for advancing the field. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3210 or PSY 4650 QTR PREREQ: PSY 321 or PSY 465 QTR EQUIV: PSY 721

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8111 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 11/2/11 **APPROVED:** 12/16/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY721 - Engineering Psychology **STUDENT REC TITLE:** Engineering Psychology **EFFECTIVE:** Winter 2012 **COURSE DESC:** A survey of psychological principles and methods pertinent to issues of human-machine interactions. It is emphasized that basic and applied research inform each other and are both necessary for advancing the field. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY8440 - Task Analysis/Work Analysis **STUDENT REC TITLE:** Task Analysis/Work Analy **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course extends the theoretical understanding of human capabilities to the analysis of human behavior in complex work settings. The course covers the ergonomic, cognitive and socio-technical aspects of human behavior that influence any realistic work setting. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7259 **STATUS:** Complete **CREATOR:** Kevin Bennett **CREATED:** 2/3/11 **APPROVED:** 12/7/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY724 - Human Factors in System Development **STUDENT REC TITLE:** Human Factors in Sys **EFFECTIVE:** Spring 2011 **COURSE DESC:** The role of human factors in system design is examined from a cognitive systems engineering perspective. The analytic tools of CSE are explored and applied in design projects. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 724
	VERSION: REV **COURSE:** PSY8310 - Cognitive Systems Engineering **STUDENT REC TITLE:** Cognitive Systems Engin. **EFFECTIVE:** Fall 2012 **COURSE DESC:** The role of human factors in system design is examined from a cognitive systems engineering perspective. The analytic tools of CSE are explored and applied in design projects. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 724

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8116 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 11/4/11 **APPROVED:** 12/16/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY724 - Human Factors in System Development **STUDENT REC TITLE:** Human Factors in Sys **EFFECTIVE:** Winter 2012 **COURSE DESC:** The role of human factors in system design is examined from a cognitive systems engineering perspective. The analytic tools of CSE are explored and applied in design projects. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY8220 - Spatial Knowledge **STUDENT REC TITLE:** Spatial Knowledge **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores research and concepts of spatial knowledge acquisition, processing and use. Relevant theories will be reviewed and critically evaluated from contemporary and historical perspectives. Importance and potential applications of spatial processing for human factors applications will be considered. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8117 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 11/4/11 **APPROVED:** 12/16/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY724 - Human Factors in System Development **STUDENT REC TITLE:** Human Factors in Sys **EFFECTIVE:** Winter 2012 **COURSE DESC:** The role of human factors in system design is examined from a cognitive systems engineering perspective. The analytic tools of CSE are explored and applied in design projects. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY8420 - Mental Workload Measurement **STUDENT REC TITLE:** Mental Workload **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course reviews the major theories and practices of mental workload measurement, including a review of the research relevant to them. Applications to human factors will be discussed. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7512 **STATUS:** Complete **CREATOR:** Gary Burns **CREATED:** 2/21/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY735 - Systems Anaysis and Organizational Change **STUDENT REC TITLE:** Sys Analy & Organiz Chang **EFFECTIVE:** Spring 2011 **COURSE DESC:** Overview of the systems approach to organizational diagnosis, planning, and intervention in human service organizations. Behavioral interventions are emphasized. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 701 and Graduate level PSY 702 and Graduate level PSY 703 and Graduate level PSY 721 QTR EQUIV: PSY 735
	VERSION: REV **COURSE:** PSY8770 - Organizational Development Change **STUDENT REC TITLE:** Org. Dev. & Change **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of the systems approach to organizational diagnosis, planning, and intervention in human service organizations. Behavioral interventions are emphasized. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 701 and Graduate level PSY 702 and Graduate level PSY 703 and Graduate level PSY 721 QTR EQUIV: PSY 735

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7842 **STATUS:** Complete **CREATOR:** Corey Miller **CREATED:** 6/8/11 **APPROVED:** 6/29/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY741 - Personnel Selection **STUDENT REC TITLE:** Personnel Selection **EFFECTIVE:** Fall 2011 **COURSE DESC:** In-depth review of the psychological basis of personnel selection including recruitment techniques, criterion development, performance evaluation, validity generalization, and instruments. Theoretical, practical, and legal issues are covered. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 740 QTR EQUIV: PSY 741
	VERSION: REV **COURSE:** PSY8610 - Personnel Psychology **STUDENT REC TITLE:** Personnel Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** In-depth review of the psychological basis of personnel selection including recruitment techniques, criterion development, performance evaluation, validity generalization, and instruments. Theoretical, practical, and legal issues are covered. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 740 QTR EQUIV: PSY 741

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7309 **STATUS:** Complete **CREATOR:** Nathan Bowling **CREATED:** 2/4/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY742 - Behavior in Organizations **STUDENT REC TITLE:** Organizational Behavior **EFFECTIVE:** Spring 2011 **COURSE DESC:** Review of behavior in organizations within a framework of psychological theory and research. Topics include socialization, careers, organizational design, and leadership. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 740
	VERSION: REV **COURSE:** PSY8620 - Behavior in Organizations **STUDENT REC TITLE:** Organizational Behavior **EFFECTIVE:** Fall 2012 **COURSE DESC:** Review of behavior in organizations within a framework of psychological theory and research. Topics include socialization, careers, organizational design, and leadership. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7534 **STATUS:** Complete **CREATOR:** Debra Steele-Johnson **CREATED:** 2/25/11 **APPROVED:** 3/14/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY743 - Psychology of Leadership **STUDENT REC TITLE:** Psychology of Leadership **EFFECTIVE:** Spring 2011 **COURSE DESC:** Designed to explore the theories, research, and practice of leadership in work organizations from a psychological perspective. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Applied Behavioral Science QTR PREREQ: Graduate level PSY 740 QTR EQUIV: PSY 743
	VERSION: REV **COURSE:** PSY8710 - Psychology of Leadership **STUDENT REC TITLE:** Psychology of Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** Designed to explore the theories, research, and practice of leadership in work organizations from a psychological perspective. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: HF/IO Psychology SEM PREREQ: Graduate level PSY 8620 QTR PREREQ: Graduate level PSY 740 QTR EQUIV: PSY 743

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7529 **STATUS:** Complete **CREATOR:** Debra Steele-Johnson **CREATED:** 2/25/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY745 - Research Methods in Industrial/Organizational Psychology **STUDENT REC TITLE:** Res Methods I/O Psy **EFFECTIVE:** Spring 2011 **COURSE DESC:** The course focuses on the unique methodological challenges faced by I/O researchers. The empirical problems that the complex nature of organizations and their uncontrollable environments pose for researchers are discussed. Theory, causation, and experimental validity are reviewed. Various research designs (e.g., true experiments, quasi-experiments, correlation and regression analysis, ethnographic study) are presented and scrutinized. Methods of data collection (e.g., unobtrusive measurement, survey, qualitative) are reviewed. Meta-analysis as a research method is discussed. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 745
	VERSION: REV **COURSE:** PSY8640 - Research Methods in Industrial/Organizational Psychology **STUDENT REC TITLE:** Res Methods I/O Psy **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course focuses on the unique methodological challenges faced by I/O researchers. Theory, causation, and experimental validity are reviewed. Various research designs (e.g., experiments, quasi-experiments, correlation and regression analysis, ethnographic study) are discussed. Methods of data collection (e.g., unobtrusive measurement, survey, qualitative) are reviewed. Methods of data analysis (e.g., structural equation modeling, multilevel modeling, meta-analysis) are reviewed. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: HF/IO Psychology QTR EQUIV: PSY 745

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7063 **STATUS:** Complete **CREATOR:** David Lahuis **CREATED:** 1/27/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY746 - Multilevel Modeling **STUDENT REC TITLE:** Multilevel Modeling **EFFECTIVE:** Spring 2011 **COURSE DESC:** Issues in multilevel models are reviewed using statistical software programs. These issues include basic two-level models, growth curve models, and multilevel structural equation models. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PSY 746
	VERSION: REV **COURSE:** PSY9070 - Multilevel Modeling **STUDENT REC TITLE:** Multilevel Modeling **EFFECTIVE:** Fall 2012 **COURSE DESC:** Issues in multilevel models are reviewed using statistical software programs. These issues include basic two-level models, growth curve models, and multilevel structural equation models. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PSY 746

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7640 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY759 - Seminar in Human Factors **STUDENT REC TITLE:** Seminar in Human Factors **EFFECTIVE:** Spring 2011 **COURSE DESC:** Weekly discussions of topics in Human Factors. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Human Factors/Ind Psych - PHD Human Factors/Ind Psych - MS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 759
	VERSION: REV **COURSE:** PSY8000 - Seminar in Human Factors **STUDENT REC TITLE:** Seminar in Human Factors **EFFECTIVE:** Fall 2012 **COURSE DESC:** Weekly discussions of topics in Human Factors. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Human Factors/Ind Psych - PHD Human Factors/Ind Psych - MS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 759

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7641 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY759 - Seminar in Human Factors **STUDENT REC TITLE:** Seminar in Human Factors **EFFECTIVE:** Spring 2011 **COURSE DESC:** Weekly discussions of topics in Human Factors. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Programs: Human Factors/Ind Psych - PHD Human Factors/Ind Psych - MS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 740
	VERSION: REV **COURSE:** PSY8500 - Seminar in Industrial/Organizational Psychology **STUDENT REC TITLE:** Seminar in I/O **EFFECTIVE:** Fall 2012 **COURSE DESC:** Weekly discussions of topics in Industrial/Organizational Psychology. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Programs: Human Factors/Ind Psych - PHD Human Factors/Ind Psych - MS Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8085 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 10/27/11 **APPROVED:** 12/7/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY776 - Visual Science **STUDENT REC TITLE:** Visual Science **EFFECTIVE:** Winter 2012 **COURSE DESC:** Study of visual systems including psychophysical measurement, temporal and spatial properties, display criteria, colorimetry, and visual system modeling. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 776
	VERSION: REV **COURSE:** PSY8110 - Application of Visual Science **STUDENT REC TITLE:** Appl. of Visual Science **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of visual systems including psychophysical measurement, temporal and spatial properties, display criteria, colorimetry, and visual system modeling. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 776

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6721 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 12/28/10 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY778 - Cortical Visual Processes **STUDENT REC TITLE:** Cortical Visual Processes **EFFECTIVE:** Winter 2011 **COURSE DESC:** In-depth consideration of visual processes that originate in the cerebral cortex. Topics include binocular vision, motion perception, eye movements, and the application of these to human factors research. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 776 QTR EQUIV: PSY 778
	VERSION: REV **COURSE:** PSY8120 - Cortical Visual Processes **STUDENT REC TITLE:** Cortical Vis. Processes **EFFECTIVE:** Fall 2012 **COURSE DESC:** In-depth consideration of visual processes that originate in the cerebral cortex. Topics include binocular vision, motion perception, eye movements, and the application of these to human factors research. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Graduate level PSY 8110 QTR PREREQ: Graduate level PSY 776 QTR EQUIV: PSY 778

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7634 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY790 - Independent Research **STUDENT REC TITLE:** Independent Research **EFFECTIVE:** Spring 2011 **COURSE DESC:** Research conducted under faculty supervision. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 790
	VERSION: REV **COURSE:** PSY7900 - Independent Research **STUDENT REC TITLE:** Independent Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research conducted under faculty supervision. Student must not have defended their Master's thesis yet. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 790

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7636 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY790 - Independent Research **STUDENT REC TITLE:** Independent Research **EFFECTIVE:** Spring 2011 **COURSE DESC:** Research conducted under faculty supervision. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY9900 - Independent Research **STUDENT REC TITLE:** Independent Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research conducted under faculty supervision for students who have completed their Master's thesis. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7644 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY790 - Independent Research **STUDENT REC TITLE:** Independent Research **EFFECTIVE:** Spring 2011 **COURSE DESC:** Research conducted under faculty supervision. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY9800 - Qualifying Exam Preparation **STUDENT REC TITLE:** Qualifying Exam Prep **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading of relevant material for students to prepare to take the qualifying exam for PhD candidacy. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 8 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7633 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY797 - Internship **STUDENT REC TITLE:** Internship **EFFECTIVE:** Spring 2011 **COURSE DESC:** Internship in private or governmental organizations under the direction of a faculty advisor. Does not count for graduate credit toward the M.S. or Ph.D. degree in psychology. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 797
	VERSION: REV **COURSE:** PSY7910 - Internship **STUDENT REC TITLE:** Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Internship in private or governmental organizations under the direction of a faculty advisor. Student must not have defended their Master's thesis prior to enrollment in this course. Does not count for graduate credit toward the M.S. degree in psychology. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 797

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7637 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY797 - Internship **STUDENT REC TITLE:** Internship **EFFECTIVE:** Spring 2011 **COURSE DESC:** Internship in private or governmental organizations under the direction of a faculty advisor. Does not count for graduate credit toward the M.S. or Ph.D. degree in psychology. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY9910 - Internship **STUDENT REC TITLE:** Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Internship in private or governmental organizations under the direction of a faculty advisor. Student must have successfully defended their Master's thesis prior to enrollment. Does not count for graduate credit toward the Ph.D. degree in psychology. Graded pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7635 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY799 - Thesis Research **STUDENT REC TITLE:** Thesis Research **EFFECTIVE:** Spring 2011 **COURSE DESC:** Research conducted for the M.S. thesis. Research must be approved by supervisory committee, submitted in writing and defended by public oral examination. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 799
	VERSION: REV **COURSE:** PSY7990 - Thesis Research **STUDENT REC TITLE:** Thesis Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research conducted for the M.S. thesis. Research must be approved by supervisory committee, submitted in writing and defended by public oral examination. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7825 **STATUS:** Complete **CREATOR:** Tamera Schneider **CREATED:** 6/3/11 **APPROVED:** 6/29/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY886 - Topics in Human Factors **STUDENT REC TITLE:** Topics in Human Factors **EFFECTIVE:** Fall 2011 **COURSE DESC:** Seminars with in-depth coverage of special topics in human factors. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level QTR EQUIV: PSY 886
	VERSION: REV **COURSE:** PSY8020 - Stress, Cognition, and Health **STUDENT REC TITLE:** Stress, Cognition, Hlth **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminars with in-depth coverage of special topics in human factors. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Graduate level QTR PREREQ: Graduate level QTR EQUIV: PSY 886

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7642 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY886 - Topics in Human Factors **STUDENT REC TITLE:** Topics in Human Factors **EFFECTIVE:** Spring 2011 **COURSE DESC:** Seminars with in-depth coverage of special topics in human factors. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 886
	VERSION: REV **COURSE:** PSY8090 - Topics in Human Factors **STUDENT REC TITLE:** Topics in Human Factors **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminars with in-depth coverage of special topics in human factors. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 886

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6792 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 1/5/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** REV **COURSE:** PSY8130 - Fundamentals of Motion Perception **STUDENT REC TITLE:** Fund. Motion Perception **EFFECTIVE:** Fall 2012 **COURSE DESC:** A detailed introduction to visual motion perception, covering historical, psychophysical, neural, computational, and applied perspectives. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Graduate level PSY 8110 QTR PREREQ: Graduate level PSY 776

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8133 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 11/8/11 **APPROVED:** 1/24/12 WorkFlow	**VERSION:** CURR **COURSE:** PSY875 - Psychoacoustics **STUDENT REC TITLE:** Psychoacoustics **EFFECTIVE:** Winter 2012 **COURSE DESC:** Advanced examination of auditory psychophysics and perceptual processes involving consideration of peripheral and central auditory physiology whenever possible. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 875
	VERSION: REV **COURSE:** PSY8140 - Psychoacoustics **STUDENT REC TITLE:** Psychoacoustics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced examination of auditory psychophysics and perceptual processes involving consideration of peripheral and central auditory physiology whenever possible. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 875

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8086 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 10/27/11 **APPROVED:** 12/7/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY875 - Psychoacoustics **STUDENT REC TITLE:** Psychoacoustics **EFFECTIVE:** Winter 2012 **COURSE DESC:** Advanced examination of auditory psychophysics and perceptual processes involving consideration of peripheral and central auditory physiology whenever possible. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PSY 875 or permission of instructor QTR EQUIV: PSY 886
	VERSION: REV **COURSE:** PSY8150 - Binaural Hearing **STUDENT REC TITLE:** Binaural Hearing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the psychophysical and physiological basis of binaural and spatial hearing. Topics include binaural detection, sound localization, the cocktail-party effect, models of spatial hearing, and 3-diminsional audio displays. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 8140 or permission of instructor QTR PREREQ: PSY 875 or permission of instructor QTR EQUIV: PSY 886

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7266 **STATUS:** Complete **CREATOR:** Kevin Bennett **CREATED:** 2/3/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY823 - Display Design **STUDENT REC TITLE:** Display Design **EFFECTIVE:** Spring 2011 **COURSE DESC:** Principles and techniques of visual display design are discussed from the cognitive systems engineering perspective. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 823
	VERSION: REV **COURSE:** PSY8330 - Display Design **STUDENT REC TITLE:** Display Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Principles and techniques of computerized visual display design are discussed from the cognitive systems engineering and ecological interface design perspective. General display representations (analogy, metaphor, propositional) and specific design strategies (e.g., emergent features and semantic mapping) are described. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 823

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8121 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 11/6/11 **APPROVED:** 12/16/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY875 - Psychoacoustics **STUDENT REC TITLE:** Psychoacoustics **EFFECTIVE:** Winter 2012 **COURSE DESC:** Advanced examination of auditory psychophysics and perceptual processes involving consideration of peripheral and central auditory physiology whenever possible. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY8230 - Psycholinguistics **STUDENT REC TITLE:** Psycholinguistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course introduces students to the major concepts and theories in the area of psycholinguistics, the study of language processes, primarily in humans. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7225 **STATUS:** Complete **CREATOR:** Valerie Shalin **CREATED:** 2/1/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** PSY8240 - Reasoning and problem solving **STUDENT REC TITLE:** Reasoning **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will provide an overview of problem solving theory in the context of laboratory, academic and workplace tasks. Upon completion, students will be able to relate fundamental research to support the analysis of complex workplace cognition. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate status in HF/IO or permission from instructor. SEM PREREQ: PSY 7050 or undergraduate cognition
	VERSION: REV **COURSE:** PSY8240 - Reasoning and problem solving **STUDENT REC TITLE:** Reasoning **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will provide an overview of problem solving theory in the context of laboratory, academic and workplace tasks. Upon completion, students will be able to relate fundamental research to support the analysis of complex workplace cognition. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate status in HF/IO or permission from instructor. SEM PREREQ: PSY 7050 or undergraduate cognition

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7797 **STATUS:** Complete **CREATOR:** Pamela Tsang **CREATED:** 5/23/11 **APPROVED:** 6/29/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY825 - Aviation Psychology **STUDENT REC TITLE:** Aviation Psychology **EFFECTIVE:** Fall 2011 **COURSE DESC:** The application of psychological principles and methods in the avaiation doamin. The focus is on the dynamic pilot-cockpit interface, its cognitive processing demand, and implications for designs of technological support. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 721 QTR EQUIV: PSY 825
	VERSION: REV **COURSE:** PSY8350 - Aviation Psychology **STUDENT REC TITLE:** Aviation Psychology **EFFECTIVE:** Fall 2012 **COURSE DESC:** The application of psychological principles and methods in the avaiation doamin. The focus is on the dynamic pilot-cockpit interface, its cognitive processing demand, and implications for designs of technological support. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Graduate level PSY 7210 QTR PREREQ: Graduate level PSY 721 QTR EQUIV: PSY 825

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7810 **STATUS:** Complete **CREATOR:** Pamela Tsang **CREATED:** 5/28/11 **APPROVED:** 7/6/11 WorkFlow	**VERSION:** REV **COURSE:** PSY8250 - Attention and Performance **STUDENT REC TITLE:** Attention **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course covers the major theoretical views of human attention in the literature, their implications on human performance in complex, dynamic systems, and their implications on human factors applications **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 3210 or PSY 4650 QTR PREREQ: PSY 321 or PSY 465

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7995 **STATUS:** Complete **CREATOR:** Pamela Tsang **CREATED:** 9/9/11 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** REV **COURSE:** PSY8260 - Decision Making **STUDENT REC TITLE:** Decision Making **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course covers the major theoretical viewpoints of judgment and decision making in the literature. The emphasis is on understanding the nature of human decision making and the implications on designing decision aids, training, and policy making. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in in one of the following levels: Graduate SEM PREREQ: PSY 3210 or PSY 4650 QTR PREREQ: PSY 321 or PSY 465

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7783 **STATUS:** Complete **CREATOR:** Tamera Schneider **CREATED:** 5/23/11 **APPROVED:** 6/16/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY886 - Topics in Human Factors **STUDENT REC TITLE:** Topics in Human Factors **EFFECTIVE:** Fall 2011 **COURSE DESC:** Seminars with in-depth coverage of special topics in human factors. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: graduate level QTR EQUIV: PSY 886
	VERSION: REV **COURSE:** PSY8280 - Topics in Human Factors **STUDENT REC TITLE:** Topics in Human Factors **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminars with in-depth coverage of special topics in human factors. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: graduate level QTR PREREQ: graduate level QTR EQUIV: PSY 886

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7231 **STATUS:** Complete **CREATOR:** Valerie Shalin **CREATED:** 2/1/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** PSY8290 - Learning with Disabilities **STUDENT REC TITLE:** Learning w/ Disabilities **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will introduce students to the major perspectives and cross-disciplinary theories in the area of human learning, to provide a foundation for the consideration of physical activities in this process. Upon completion of this course, students will be able to analyze learning activities for their joint cognitive, physical and social components, thereby extending contemporary theories of learning to the unique demands of learning with disabilities. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate status in HF/IO program or permission of instructor.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7533 **STATUS:** Complete **CREATOR:** Debra Steele-Johnson **CREATED:** 2/25/11 **APPROVED:** 3/14/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY842 - Work Motivation **STUDENT REC TITLE:** Work Motivation **EFFECTIVE:** Spring 2011 **COURSE DESC:** Work motivation theories are examined in terms of their empirical support and practical usefulness. Goals and the setting of objectives by employees are discussed. The design of work is discussed. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 842
	VERSION: REV **COURSE:** PSY8720 - Work Motivation **STUDENT REC TITLE:** Work Motivation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Work motivation theories are examined in terms of their empirical support and practical usefulness. Factors and processes influencing effort, intentions, performance, and other job behaviors are discussed. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: HF/IO Psychology SEM PREREQ: Graduate level: PSY 8620 QTR EQUIV: PSY 842

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7221 **STATUS:** Complete **CREATOR:** Valerie Shalin **CREATED:** 1/31/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** PSY8430 - Physical Ergonomics **STUDENT REC TITLE:** Physical Ergonomics **EFFECTIVE:** Fall 2012 **COURSE DESC:** This addresses the physical demands of work, with an emphasis on cognitive work in technical settings. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Graduate standing in the HF/IO program or permission of instructor.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7511 **STATUS:** Complete **CREATOR:** Gary Burns **CREATED:** 2/21/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY845 - Organizational Theory **STUDENT REC TITLE:** Organizational Theory **EFFECTIVE:** Spring 2011 **COURSE DESC:** The structuring of organizations is discussed in terms of centralization, formalization, and complexity. Issues of division of labor, span of control and departmentalization and delegation are examined. Mechanistic versus organic models of organizational design are compared and contrasted. The role technology plays in design is addressed. The environment's impact on organizational design is examined including uncertainty, information processing and adaptation. Matrix designs are evaluated in terms of their efficiency and flexibility. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 845
	VERSION: REV **COURSE:** PSY8780 - Organizational Theory **STUDENT REC TITLE:** Organizational Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar with in-depth coverage of organizational theory. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 845

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7184 **STATUS:** Complete **CREATOR:** David Lahuis **CREATED:** 1/31/11 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY888 - Topics in Industrial/Organizational **STUDENT REC TITLE:** Topics in Indus/Organiz **EFFECTIVE:** Spring 2011 **COURSE DESC:** Seminars with in-depth coverage of special topics in industrial or organizational psychology. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY8590 - Topics in Industrial/Organizational **STUDENT REC TITLE:** Topics in Indus/Organiz **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminars with in-depth coverage of special topics in industrial or organizational psychology. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 2 - 4 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7643 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY886 - Topics in Human Factors **STUDENT REC TITLE:** Topics in Human Factors **EFFECTIVE:** Spring 2011 **COURSE DESC:** Seminars with in-depth coverage of special topics in human factors. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 888
	VERSION: REV **COURSE:** PSY8590 - Topics in Industrial/Organizational Psychology **STUDENT REC TITLE:** Topics in I/O **EFFECTIVE:** Fall 2012 **COURSE DESC:** In-depth coverage of special topics in Industrial/Organizational Psychology. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 888

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7531 **STATUS:** Complete **CREATOR:** Debra Steele-Johnson **CREATED:** 2/25/11 **APPROVED:** 3/15/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY888 - Topics in Industrial/Organizational **STUDENT REC TITLE:** Topics in Indus/Organiz **EFFECTIVE:** Spring 2011 **COURSE DESC:** Seminars with in-depth coverage of special topics in industrial or organizational psychology. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 888
	VERSION: CURR **COURSE:** PSY888 - Topics in Industrial/Organizational **STUDENT REC TITLE:** Topics in Indus/Organiz **EFFECTIVE:** Spring 2011 **COURSE DESC:** Seminars with in-depth coverage of special topics in industrial or organizational psychology. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** PSY8730 - Training in Organizations **STUDENT REC TITLE:** Training in Organization **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will address theories, issues, and research in training. The purpose will be to discuss factors and processes involved in training needs assessment, design, and evaluation as well as learning processes, individual difference and motivational factors affecting training, and selected special topics. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: HF/IO Psychology SEM PREREQ: Graduate level: PSY 8610 QTR EQUIV: PSY 888
	VERSION: REV **COURSE:** PSY8730 - Training in Organizations

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7531 **STATUS:** Complete **CREATOR:** Debra Steele-Johnson **CREATED:** 2/25/11 **APPROVED:** 3/15/11 WorkFlow	**STUDENT REC TITLE:** Training in Organization **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will address theories, issues, and research in training. The purpose will be to discuss factors and processes involved in training needs assessment, design, and evaluation as well as learning processes, individual difference and motivational factors affecting training, and selected special topics. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: HF/IO Psychology SEM PREREQ: Graduate level: PSY 8610
	VERSION: REV **COURSE:** PSY8740 - Teams in Organizations **STUDENT REC TITLE:** Teams in Organizations **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will address theories, issues, and research relating to workplace teams. The purpose will be to discuss definitions of teams as well as their development, composition, and functioning. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: HF/IO Psychology SEM PREREQ: Graduate level: PSY 8620 QTR EQUIV: PSY 888
	VERSION: REV **COURSE:** PSY8740 - Teams in Organizations **STUDENT REC TITLE:** Teams in Organizations **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will address theories, issues, and research relating to workplace teams. The purpose will be to discuss definitions of teams as well as their development, composition, and functioning. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: HF/IO Psychology SEM PREREQ: Graduate level: PSY 8620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8295 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 1/25/12 **APPROVED:** 2/23/12 WorkFlow	**VERSION:** CURR **COURSE:** PSY875 - Psychoacoustics **STUDENT REC TITLE:** Psychoacoustics **EFFECTIVE:** Winter 2012 **COURSE DESC:** Advanced examination of auditory psychophysics and perceptual processes involving consideration of peripheral and central auditory physiology whenever possible. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: PSY 701
	VERSION: REV **COURSE:** PSY9040 - Neural Networks **STUDENT REC TITLE:** Neural Networks **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines neural networks as models of perception and cognition. Topics include perceptrons, pattern associators, backpropagation, and self-organizing networks. Students apply neural networks to a topic of there interest using MATLAB. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: PSY 7010 QTR PREREQ: PSY 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7993 **STATUS:** Process **CREATOR:** Nathan Bowling **CREATED:** 9/9/11 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** REV **COURSE:** PSY8750 - Job Attitudes **STUDENT REC TITLE:** Job Attitudes **EFFECTIVE:** Fall 2012 **COURSE DESC:** An overview of the theoretical, methodological and empirical literature on job attitudes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7510 **STATUS:** Complete **CREATOR:** Gary Burns **CREATED:** 2/21/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY888 - Topics in Industrial/Organizational **STUDENT REC TITLE:** Topics in Indus/Organiz **EFFECTIVE:** Spring 2011 **COURSE DESC:** Seminars with in-depth coverage of special topics in industrial or organizational psychology. Topics vary. Permission of Instructor. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 888
	VERSION: REV **COURSE:** PSY8760 - Job Performance **STUDENT REC TITLE:** Job Performance **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar with in-depth coverage of job performance. Topics will include: dimensionality of job performance, measurement techniques and common errors, and various other IO and HF topics related to job performance. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Under the quarter system multiple seminar topics were taught under PSY 888. QTR EQUIV: PSY 888

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7239 **STATUS:** Complete **CREATOR:** Corey Miller **CREATED:** 2/1/11 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** PSY8790 - Legal Issues in I/O Psychology **STUDENT REC TITLE:** Legal Issues in I/O Psyc **EFFECTIVE:** Fall 2012 **COURSE DESC:** Course will explore established, current, and emerging legal issues in Industrial/Organizational Psychology. **COLLEGE:** College of Science & Math **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 SEM PREREQ: PSY8630 QTR PREREQ: PSY740, PSY741

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7981 **STATUS:** Complete **CREATOR:** John Flach **CREATED:** 8/24/11 **APPROVED:** 9/15/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY968 - Manual Control and Psychomotor Skills **STUDENT REC TITLE:** Man Control & Motor Skill **EFFECTIVE:** Fall 2011 **COURSE DESC:** Description of human control processes and their models. Analyses of human skills and skill typology. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level PSY 665 QTR EQUIV: PSY 968
	VERSION: REV **COURSE:** PSY9020 - Manual Control and Psychomotor Skills **STUDENT REC TITLE:** Manual Control **EFFECTIVE:** Fall 2012 **COURSE DESC:** Description of human control processes and their models. Analyses of human skills and skill typology. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: None QTR PREREQ: Graduate level PSY 665 QTR EQUIV: PSY 968

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7765 **STATUS:** Complete **CREATOR:** David Lahuis **CREATED:** 5/10/11 **APPROVED:** 6/16/11 WorkFlow	**VERSION:** REV **COURSE:** PSY9080 - Item Response Theory **STUDENT REC TITLE:** Item Response Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Issues in item response theory (IRT) are reviewed using statistical software programs. These issues include basic dichotomous and polytomous IRT models, model fit, and differential item functioning. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7994 **STATUS:** Complete **CREATOR:** Nathan Bowling **CREATED:** 9/9/11 **APPROVED:** 10/11/11 WorkFlow	**VERSION:** REV **COURSE:** PSY9090 - Meta-Analysis **STUDENT REC TITLE:** Meta-Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the use of meta-analytic methods in psychology. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7638 **STATUS:** Complete **CREATOR:** Scott N J Watamaniuk **CREATED:** 3/30/11 **APPROVED:** 4/19/11 WorkFlow	**VERSION:** CURR **COURSE:** PSY999 - Dissertation Research **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Spring 2011 **COURSE DESC:** Original research of a quality that is publishable in refereed journals. Research must be acceptable to the supervisory committee, submitted in writing and defended by public oral examination. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 999
	VERSION: REV **COURSE:** PSY9990 - Dissertation Research **STUDENT REC TITLE:** Dissertation Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Original research of a quality that is publishable in refereed journals. Research must be acceptable to the supervisory committee, submitted in writing and defended by public oral examination. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 15 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PSY 999

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4813 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX620 - BioStats for the Health Professional **STUDENT REC TITLE:** Biostatistics for Health Prof **EFFECTIVE:** Fall 2010 **COURSE DESC:** Introduction to the basic principles and applications of statistical methods as they are applied to data arising in the health professions. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Science & Math
	VERSION: REV **COURSE:** PTX7600 - BioStats for the Health Professional **STUDENT REC TITLE:** Biostats for Health Prof **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the basic principles and applications of statistical methods as they are applied to data arising in the health professions. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: College of Science & Math

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4835 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX710 - Principles of Biokinetics **STUDENT REC TITLE:** Principles of Biokinetics **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course will introduce the basic principles that govern the bio-availabilty/activity of drugs and toxants in an organism with the focus on humans. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PTX 710
	VERSION: REV **COURSE:** PTX7200 - Principles of Biokinetics/Biodynamics **STUDENT REC TITLE:** Biokinetics/Biodynamics **EFFECTIVE:** Fall 2012 **COURSE DESC:** The course will track the absorption, distribution, inactivation and elimination of drugs and toxins. It will also present the principles of drug/toxin actions which underly their observed effects. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: PTX 710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4806 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX990 - Pharmacology & Toxicology Seminar/Journal Club **STUDENT REC TITLE:** PTX Seminar/Journal Club **EFFECTIVE:** Fall 2010 **COURSE DESC:** Guest speakers, students, WSU faculty present research results and current topics form literature. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PTX 990
	VERSION: REV **COURSE:** PTX7110 - Journal Club **STUDENT REC TITLE:** Journal Club **EFFECTIVE:** Fall 2012 **COURSE DESC:** WSU faculty driven course. Students are presented with current literature on around a specific topic. The students will give presentations on the material. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 QTR EQUIV: PTX 990

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6159 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 10/11/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** REV **COURSE:** PTX7120 - Journal Club **STUDENT REC TITLE:** Journal Club **EFFECTIVE:** Fall 2012 **COURSE DESC:** WSU faculty driven course. Students are presented with current literature on around a specific topic. The students will give presentations on the material. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6161 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 10/11/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** REV **COURSE:** PTX7130 - Pharmacology & Toxicology Journal Club - Summer **STUDENT REC TITLE:** P&T Journal Club-Summer **EFFECTIVE:** Fall 2012 **COURSE DESC:** WSU P&T faculty driven course. Students are presented with current literature on around a specific topic. The students will give presentations on the material. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4817 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX730 - Good Laboratory Practices **STUDENT REC TITLE:** Good Laboratory Practice **EFFECTIVE:** Fall 2010 **COURSE DESC:** GLP regulations are a set of international standards developed to ensure quality and reliability of safety data submitted to regulatory authorities. Overview of standards and principles governing the conduct of pharm/tox studies. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination QTR EQUIV: PTX 730
	VERSION: REV **COURSE:** PTX8500 - Good Laboratory Practices **STUDENT REC TITLE:** Good Laboratory Practice **EFFECTIVE:** Fall 2012 **COURSE DESC:** GLP regulations are a set of international standards developed to ensure quality and reliability of safety data submitted to regulatory authorities. Overview of standards and principles governing the conduct of pharm/tox studies. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 3 REP TIMES: 0 QTR EQUIV: PTX 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4836 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX751 - Molecular Toxicology **STUDENT REC TITLE:** Molecular Toxicology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Modern toxicology focuses on understanding the mechanism of action of chemicals at the molecular level. This course will explore a spectrum of molecular mechanisms of toxicity providing a broad perspective of the cutting edge of research in toxicology. **COLLEGE:** School of Medicine **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PTX 751
	VERSION: REV **COURSE:** PTX7300 - Cellular Pharmacology and Toxicology **STUDENT REC TITLE:** Cellular Pharm & Tox **EFFECTIVE:** Fall 2012 **COURSE DESC:** Modern toxicology focuses on understanding the mechanism of action of chemicals at the cellular level. This course will explore a spectrum of cellular mechanisms of toxicity providing a broad perspective of the cutting edge of research in toxicology. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PTX 751

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4804 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX740 - Intro to Library Research: Part I **STUDENT REC TITLE:** Library Research Part I **EFFECTIVE:** Fall 2010 **COURSE DESC:** Students are required to independently write a 10-15 page scientific reviews on a current topic in Pharmacology & Toxicology with input from the advisor. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study QTR EQUIV: PTX 740
	VERSION: REV **COURSE:** PTX9120 - Intro to Library Research: Part I **STUDENT REC TITLE:** Library Research Part I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students are required to independently write a 10-15 page scientific reviews on a current topic in Pharmacology & Toxicology with input from the adviser. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 1 QTR EQUIV: PTX 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4798 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** REV **COURSE:** PTX7400 - Laboratory Management **STUDENT REC TITLE:** Laboratory Management **EFFECTIVE:** Fall 2012 **COURSE DESC:** The topics are designed to give students laboratory management experience along with a short weekly lecture that will provide background information on the theory behind the project. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4805 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX745 - Intro to Library Research: Part 2 **STUDENT REC TITLE:** Library Research Part 2 **EFFECTIVE:** Fall 2010 **COURSE DESC:** Students will independently write a 10-15 page scientific review on a current topic in Pharmacology & Toxicology with at least 25 references. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study QTR EQUIV: PTX 745
	VERSION: REV **COURSE:** PTX9220 - Intro to Library Research: Part 2 **STUDENT REC TITLE:** Library Research Part 2 **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students will independently write a 10-15 page scientific review on a current topic in Pharmacology & Toxicology with at least 25 references. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 1 QTR EQUIV: PTX 745

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7579 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 3/7/11 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** REV **COURSE:** PTX7500 - Research Techniques **STUDENT REC TITLE:** Research Techniques **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practical laboratory experiences in commonly used biological techniques including DNA purification and manipulation, protein expression and analysis, and the classical pharmacological techniques of mediating receptor binding. Designed to give hands-on experience along with a short weekly lecture providing background on the theory behind the topic. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4808 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX770 - Applications to Medical Chemical Defense, Principles of Toxicology **STUDENT REC TITLE:** Medical Chemical Defense **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course will provide a in depth understanding of chemical warfare threat agents and medical intervention. It will also introduce requirements for government and contract research standards for study design, development and execution. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PTX 770
	VERSION: REV **COURSE:** PTX8100 - Applications to Medical Chemical, Radiological and Nuclear Defense **STUDENT REC TITLE:** Med CHM/RAD/ NUC Defense **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will provide an understanding of the chemical, radiological, and nuclear threat, related toxicology/pathogenesis and medical intervention. The course will also introduce requirements for Government and Contract Research standards for working with highly toxic materials, study design, development, and execution to include issues with regard to Good Laboratory Practices, Institutional Animal Care and Use Committee, Quality Assurance, and safety pharmacology. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: PTX 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4809 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX771 - Applications to Medical Biological Defense, Principles of Toxicology **STUDENT REC TITLE:** Medical Biological Defense **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course will provide an in depth understanding of biological warfare threat agent pathogenesis, toxicology, and medical intervention. The course will also introduce requirements for Government and Contract Research standards for working with highly pathogenic microorganisms, study design, development, and execution to include issues with regard to Good Laboratory Practices, Institutional Animal Care and Use Committee, Quality Assurance, and safety pharmacology. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PTX 771
	VERSION: REV **COURSE:** PTX8210 - Applications to Medical Biological Defense, Principles of Toxicology **STUDENT REC TITLE:** Med. Bio. Defense **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will provide an in depth understanding of biological warfare threat agent pathogenesis, toxicology, and medical intervention. The course will also introduce requirements for Government and Contract Research standards for working with highly pathogenic microorganisms, study design, development, and execution to include issues with regard to Good Laboratory Practices, Institutional Animal Care and Use Committee, Quality Assurance, and safety pharmacology. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: PTX 771

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4810 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX772 - Case Studies for Biological and Chemical Defense **STUDENT REC TITLE:** Case Studies Bio Chem Def **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course will provide an opportunity for students to review historical chemical and biological scenarios to evaluate means, methods, motivation and effects of such uses. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PTX 772
	VERSION: REV **COURSE:** PTX8120 - Case Studies for Biological and Chemical Defense **STUDENT REC TITLE:** BioMed Def. Studies **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will provide an opportunity for students to review historical chemical and biological scenarios to evaluate means, methods, motivation and effects of such uses. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: PTX 772

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4814 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX775 - Integrative Pharmacology and Toxicology Methods **STUDENT REC TITLE:** Integr Pharm/Tox Methods **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course provides basic and general principles on animal handling, caring and experimental design. It instructs basic techniques in drug dosing and administration, animal surgery, tissue sample collection. Emphasizes Biomedical Science's current methods. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: PTX 775
	VERSION: REV **COURSE:** PTX8300 - Integrative Pharmacology and Toxicology Methods **STUDENT REC TITLE:** Integr Pharm/Tox Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course provides basic and general principles on animal handling, caring and experimental design. It instructs basic techniques in drug dosing and administration, animal surgery, tissue sample collection. Emphasizes Biomedical Science's current methods. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 QTR EQUIV: PTX 775

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4234 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 7/13/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** REV **COURSE:** PTX8200 - Communications in Science **STUDENT REC TITLE:** Communications in Scienc **EFFECTIVE:** Fall 2012 **COURSE DESC:** A crash course in bringing clarity, plain language and fun to scientific communications. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4248 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 7/13/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** REV **COURSE:** PTX8400 - Neuropharmacology **STUDENT REC TITLE:** Neuropharmacology **EFFECTIVE:** Fall 2012 **COURSE DESC:** The aim of this course is to give an overview of neuropharmacology that includes basic principles of drug action in neurons, a description of major neurotransmitter systems in the brain and their pharmacology, with examples of their clinical and therapeutic relevance. The emphasis is on mental illness. The course is designed for graduate students in medicine and biomedical sciences. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4816 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX9100 - Pharmacology Graduate Research **STUDENT REC TITLE:** Pharmacology Grad Reseac **EFFECTIVE:** Fall 2012 **COURSE DESC:** As part of the Thesis Track Pharmacology & Toxicology graduate students will participate in laboratory research. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** PTX9000 - Introduction to Research **STUDENT REC TITLE:** Intro to Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Three practical laboratory experiences in three week rotations each. The students will spend 3 weeks in 3 laboratories and each rotation will be concluded with a 2 page summary, signed by the laboratory PI. Upon completion the Pharm Tox student should have a laboratory picked to complete thesis work. **COLLEGE:** School of Medicine **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 6 REP TIMES: 2

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4802 **STATUS:** Complete **CREATOR:** Terry Oroszi **CREATED:** 8/31/10 **APPROVED:** 3/9/11 WorkFlow	**VERSION:** CURR **COURSE:** PTX9100 - Pharmacology Graduate Research **STUDENT REC TITLE:** Pharmacology Grad Reseac **EFFECTIVE:** Fall 2012 **COURSE DESC:** As part of the Thesis Track Pharmacology & Toxicology graduate students will participate in laboratory research. **COLLEGE:** School of Medicine **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lab RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** PTX9100 - Pharmacology Graduate Research **STUDENT REC TITLE:** Pharmacology Grad Reseac **EFFECTIVE:** Fall 2012 **COURSE DESC:** As part of the Thesis Track Pharmacology & Toxicology graduate students will participate in laboratory research. **COLLEGE:** School of Medicine **CRED HR:** 0 **VAR CRED RANGE:** 1 - 8 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 999 REP TIMES: 999

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4787 **STATUS:** Complete **CREATOR:** Mark Verman **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** REL5100 - Topics in Judaism **STUDENT REC TITLE:** Topics in Judaism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4788 **STATUS:** Complete **CREATOR:** Mark Verman **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** REL5110 - Judaism: Faith & People **STUDENT REC TITLE:** Judaism: Faith & People **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of Judaism as a religious faith and people, with special reference to formative historical, social, ethnic, and cultural factors. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3110

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4789 **STATUS:** Complete **CREATOR:** Mark Verman **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** REL5120 - Modern Jewish Thought **STUDENT REC TITLE:** Modern Jewish Thought **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of the major themes and issues in the works of contemporary Jewish thinkers (e.g., Borowitz, Herberg, Fackenheim, Kaplan, Rothschild, Heschel, Rubenstein, and Weisel). **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3120

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5565 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** REL5200 - Topics in Christianity **STUDENT REC TITLE:** Topics in Christianity **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of selected topics related to the history and practice of Christianity. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5571 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** REL5210 - Christianity **STUDENT REC TITLE:** Christianity **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of the historical development of Christianity from biblical times to the present, with an emphasis on the diversity of religious beliefs, practices, and institutions. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4486 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 8/16/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** REL522 - Topics in Biblical Literature **STUDENT REC TITLE:** Topics in Biblical Literature **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examination of selected aspects of Biblical literature from both literary and historical perspectives to explore the possible structures, functions, and meanings of this literature for its original community. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: REL 522
	VERSION: REV **COURSE:** REL5700 - Topics in Biblical Literature **STUDENT REC TITLE:** Topics in Biblical Liter **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of selected aspects of Biblical literature from both literary and historical perspectives to explore the possible structures, functions, and meanings of this literature for its original community. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3700 QTR EQUIV: REL 522

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7211 **STATUS:** Complete **CREATOR:** Awad Halabi **CREATED:** 1/31/11 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** REV **COURSE:** REL5310 - Introduction to Islam **STUDENT REC TITLE:** Introduction to Islam **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the Islamic belief systems and practices, from the rise of Islam to the modern era. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 QTR EQUIV: REL 640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7214 **STATUS:** Complete **CREATOR:** Awad Halabi **CREATED:** 1/31/11 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** REV **COURSE:** REL5320 - Islamic Responses to Modernity **STUDENT REC TITLE:** Modern Islamic Responses **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of how Muslim thinkers and theologians have responded to the challenges of the modern era. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4050 **STATUS:** Complete **CREATOR:** Judson Murray **CREATED:** 6/28/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** CURR **COURSE:** REL540 - Topics in Asian Religion **STUDENT REC TITLE:** Topics in Asian Religion **EFFECTIVE:** Fall 2010 **COURSE DESC:** Studies in the religious dimension of Asian cultures, with emphasis on historical, social, and aesthetic perspectives. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: REL 540
	VERSION: REV **COURSE:** REL5400 - Topics in Asian Religion **STUDENT REC TITLE:** Topics in Asian Religion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies in the religious dimension of Asian cultures, with emphasis on historical, social, and aesthetic perspectives. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate XLIST: REL 3400 QTR EQUIV: REL 540

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4212 **STATUS:** Complete **CREATOR:** Judson Murray **CREATED:** 7/12/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** REL5410 - Chinese Religions **STUDENT REC TITLE:** Chinese Religions **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introductory survey of religious thought and practice in Chinese history and culture. Primary focus will be on Confucianism, Daoism, and Buddhism. Themes examined include: religion and politics in Chinese history, human nature and self-cultivation, and conceptions of the sage in Chinese religions. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate XLIST: REL 3410

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4214 **STATUS:** Complete **CREATOR:** Judson Murray **CREATED:** 7/12/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** REL5420 - Japanese Religions **STUDENT REC TITLE:** Japanese Religions **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical and contemporary survey of religious life in Japan. Primary focus on Shinto, both early Shinto and later nationalistic Shinto, the varieties of Japanese Buddhism, and Japanese new religions. Topics include: religious doctrine, faith and devotion, self-cultivation and enlightenment, monasticism, and religion and the state. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate XLIST: REL 3420

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4565 **STATUS:** Complete **CREATOR:** Valerie Stoker **CREATED:** 8/20/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL5430 - Buddhism **STUDENT REC TITLE:** Buddhism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of Buddhism in terms of its philosophy, rituals, art, architecture, and social practices, with particular emphasis on its origins in South Asia and its spread to the regions of Southeast Asia and Tibet. Study of how to read and critically analyze Buddhist texts and think about Buddhism in historic and anthropological terms. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following level: Graduate. XLIST: REL 3430

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4778 **STATUS:** Complete **CREATOR:** Valerie Stoker **CREATED:** 8/30/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL5440 - Hinduism **STUDENT REC TITLE:** Hinduism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of some of the major beliefs and practices of Hinduism, an ancient, widely practiced, and amazingly diverse religious tradition. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Recitation Combination REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4218 **STATUS:** Complete **CREATOR:** Judson Murray **CREATED:** 7/12/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** REL5450 - Daoism **STUDENT REC TITLE:** Daoism **EFFECTIVE:** Fall 2012 **COURSE DESC:** A survey of the various expressions of Daoism in Chinese religious and intellectual history. Includes classical Daoist writings such as: Inward Training, the Daode jing, and the Zhuangzi. Topics include religion and politics, cosmology, self-cultivation, and the Daoist sage. Focus will also include more contemporary expressions of Daoism such as: influential Western interpretations of Daoism, Daoism and ecology, and Daoist body cultivation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate XLIST: REL 3450

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4238 **STATUS:** Complete **CREATOR:** Judson Murray **CREATED:** 7/13/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** REL5460 - Confucianism **STUDENT REC TITLE:** Confucianism **EFFECTIVE:** Fall 2012 **COURSE DESC:** A survey of Confucianism in Chinese history beginning with various classical expressions of Confucian thought such as: Confucius Analects, Mencius, and Xunzi. Focus on two influential Neo-Confucian thinkers: Zhu Xi and Wang Yangming. Consideration of the modern fate of Confucianism in Chinese society and culture. Important topics include: heaven, human nature and self-cultivation, conceptions of the sage, and Confucian political philosophy. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate XLIST: REL 3460

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4240 **STATUS:** Complete **CREATOR:** Judson Murray **CREATED:** 7/13/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** REL5470 - Zen Buddhism **STUDENT REC TITLE:** Zen Buddhism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of the history, doctrines, and practices of Zen Buddhism in China, Japan, and the West. Focus on important contributions and innovations of seminal figures in the tradition such as: Bodhidharma, Huineng, and Linji in China; and Eisai, Dogen, and Hakuin in Japan. Particular attention devoted to Zen meditative practices, understandings of enlightenment, influence on art and culture, and distinctiveness as a school of Buddhism. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate XLIST: REL 3470

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4706 **STATUS:** Complete **CREATOR:** Valerie Stoker **CREATED:** 8/26/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL5480 - Hindu Mythology **STUDENT REC TITLE:** Hindu Mythology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of the following questions: What is myth and why is it significant for the study of religion? Can we speak of a Hindu mythology? How have Hindus organized their sacred narratives and what kinds of religious themes do these stories convey? How are Hindu sacred narratives related to Hindu beliefs and practices? How have scholars analyzed Hindu mythic traditions? What intellectual issues are at stake in reading mythology across cultures? **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Recitation Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3480

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4709 **STATUS:** Complete **CREATOR:** Valerie Stoker **CREATED:** 8/26/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL5490 - Hindu Goddesses **STUDENT REC TITLE:** Hindu Goddesses **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of conceptualizations of the divine feminine in one of the oldest, largest, and most complex religious traditions in the world, Hinduism. Approach combines textual, historic, and anthropological resources to understand the nature of the various Hindu goddesses and how they are worshiped. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3490

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4242 **STATUS:** Complete **CREATOR:** Judson Murray **CREATED:** 7/13/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** REL5510 - Comparative Asian Mysticism **STUDENT REC TITLE:** Comp. Asian Mysticism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of the religious phenomenon and category of mysticism in various Asian traditions including Daoism, Hinduism, and Buddhism (both early Indian Buddhism and Japanese Zen). Particular topics include: the nature of mystical and religious experience in general; the relationship between religious experience and other aspects of religions, such as religious practice, doctrine, and language; and the question of the universality of mystical experience. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate XLIST: REL 3510

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4790 **STATUS:** Complete **CREATOR:** Mark Verman **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** REL5520 - Western Mysticisms **STUDENT REC TITLE:** Western Mysticisms **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies expressions of spirituality by exploring mysticism in Judaism, Christianity, and Islam. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3520

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4713 **STATUS:** Complete **CREATOR:** Valerie Stoker **CREATED:** 8/26/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL5530 - Asian Religious Ethics **STUDENT REC TITLE:** Asian Religious Ethics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of ethics and morality as construed in a variety of Asian religious traditions including Hinduism, Buddhism, Jainism, and Confucianism. Reading of primary sources ranging from analytic ethical debates to popular folktales in which moral and immoral behavior figure prominently. Exposure to a variety of cultural approaches to universal human problems and critical reading of primary sources. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3530

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4245 **STATUS:** Complete **CREATOR:** Judson Murray **CREATED:** 7/13/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** REL5540 - Asian Religions and Ecology **STUDENT REC TITLE:** Asian RELS and Ecology **EFFECTIVE:** Fall 2012 **COURSE DESC:** An examination of Asian religious perspectives (Confucianism, Daoism, Buddhism, and Shinto) on the meaning and value of the natural world and the relationship between human beings and nature. Focuses on environmental ethics in comparative Asian perspective. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate XLIST: REL 3540

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4254 **STATUS:** Complete **CREATOR:** Judson Murray **CREATED:** 7/14/10 **APPROVED:** 10/1/10 WorkFlow	**VERSION:** REV **COURSE:** REL5550 - Human Rights in China **STUDENT REC TITLE:** Human Rights in China **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of the debate on human rights in China in relation to events in modern Chinese history such as: the fall of imperial rule, the Nationalist and Communist revolutions, the Cultural Revolution, and the Tiananmen Square massacre. Focus to include measuring the impact of Confucianism on current Chinese thinking regarding the themes of modernization, democratization, and human rights. Examination extends beyond China to other regions including Singapore, Taiwan, and Tibet. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate XLIST: REL 3550

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5574 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** REL5600 - Topics in American Religion **STUDENT REC TITLE:** Topics in Am Religion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of selected topics related to the history and practice of religion in America. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3749 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 6/11/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** REL561 - Religion and Society **STUDENT REC TITLE:** Religion and Society **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as SOC 561.) Treatment of religion as a social institution. Examines the influence of religious ideas and organizations on other social institutions, and the influence of society on religion. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: REL 561
	VERSION: REV **COURSE:** REL5820 - Sociology of Religion **STUDENT REC TITLE:** Sociology of Religion **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as SOC 5110.) Treatment of religion as a social institution. Examines the influence of religious ideas and organizations on other social institutions, and the influence of society on religion. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate XLIST: SOC 5110 QTR EQUIV: REL 561

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5577 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** REL5610 - Religion in America **STUDENT REC TITLE:** Religion in America **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical exploration of the variety of forms of religious expression in America and the role of religion in American life. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4737 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 8/30/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** CURR **COURSE:** REL562 - Anthropology of Religion **STUDENT REC TITLE:** Anthropology of Religion **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as ATH 546.) Anthropological approach to the meaning and function of religion in social life and the nature of the thought or belief systems that gave rise to different forms of religious life. Emphasis on primitive and peasant societies. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate
	VERSION: REV **COURSE:** REL5810 - Anthropology of Religion **STUDENT REC TITLE:** Anthropology of Religion **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as ATH 6020) Anthropological approach to the meaning and function of religion in social life and the nature of the thought or belief systems that gave rise to different forms of religious life. Emphasis on primitive and peasant societies. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5578 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** REL5620 - New Religious Movements in America **STUDENT REC TITLE:** New Religious Movements **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines a variety of new religious movements in America, including Shakers, Mormons, Seventh-Day Adventists, Jehovah's Witnesses, and Christian Scientists. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled on one of the following levels: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5579 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** REL5630 - Women and Religion in America **STUDENT REC TITLE:** Women & Religion in Amer **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of the role women have played in American religious history, with special reference to the diversity of women's religious experiences. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5580 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** REL5640 - Religion and Politics in America **STUDENT REC TITLE:** Religion & Pol in Amer **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of both the historical and the contemporary relation between religion and politics in America, with special reference to the legal principle of church/state separation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** X **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following programs: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4792 **STATUS:** Complete **CREATOR:** Mark Verman **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** REL5720 - Pentateuch **STUDENT REC TITLE:** Pentateuch **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines patriarchal narratives and Mosaic legislation in the Pentateuch or Torah as the bedrock of the Bible. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4791 **STATUS:** Complete **CREATOR:** Mark Verman **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** REL5730 - Genesis **STUDENT REC TITLE:** Genesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines Genesis as the foundation of the Bible in context with cultural tales such as the ancient Mesopotamian creation and flood myths. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4793 **STATUS:** Complete **CREATOR:** Mark Verman **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** REL5740 - Prophets and History **STUDENT REC TITLE:** Prophets and History **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines historical context of Biblical prophets and prophecies in terms of historical, religious, national, and moral implications. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4487 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 8/16/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL5750 - New Testament Introduction **STUDENT REC TITLE:** New Testament Intro **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to the literature, history, and religion of early Christianity. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3750

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4488 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 8/16/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL5760 - The Four Gospels **STUDENT REC TITLE:** Four Gospels **EFFECTIVE:** Fall 2012 **COURSE DESC:** Literary and historical study of the four Gospels in the Christian Bible, aiming to discern their purposes in writing, reconstruct their communities, and reflect on the meaning of their presentations of Jesus. Some attention to the problem of the Historical Jesus. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3760

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4489 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 8/16/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL5770 - The Letters of Paul **STUDENT REC TITLE:** Letters of Paul **EFFECTIVE:** Fall 2012 **COURSE DESC:** Literary and historical study of the letters of Paul, aiming to discover when and why they were written and how they fit into the development of the early Jesus movement. Some consideration of the biography of Paul and his influence. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 3770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4879 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 9/3/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL5780 - Apocalypse of John **STUDENT REC TITLE:** Apocalypse of John **EFFECTIVE:** Fall 2012 **COURSE DESC:** A literary and historical study of the Book of Revelation in its original setting with a consideration of its ongoing influence. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5596 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 9/27/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** REL5900 - Topics in Philosophy of Religion **STUDENT REC TITLE:** Topics in Phil of Relig **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of selected topics related to the philosophy of religion. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled at the following level: Graduate.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5746 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 9/29/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** REL694 - Existentialism **STUDENT REC TITLE:** Existentialism **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as PHL 694.) Representative writers of the existentialist movement. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Classifications: Senior Sophomore Freshman Junior QTR EQUIV: REL 694
	VERSION: REV **COURSE:** REL5940 - Existentialism **STUDENT REC TITLE:** Existentialism **EFFECTIVE:** Fall 2012 **COURSE DESC:** (Also listed as PHL 5090.) Introduction to 20th century philosophical and literary movement. Emphasis on concrete existence and the passions over abstract rationality, conception of self as a product of radically free acts of self-creation, affirmation of uncertainty and absurdity as inescapable elements of the human condition, and rejection of traditional ethical systems. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate. XLIST: PHL 5090 QTR EQUIV: REL 694

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4794 **STATUS:** Complete **CREATOR:** Mark Verman **CREATED:** 8/30/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** REL6100 - Seminar on Judaism **STUDENT REC TITLE:** Seminar on Judaism **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines problems, approaches, and topics in the field of Judaism. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: REL 4100

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5582 **STATUS:** Complete **CREATOR:** Mary Chamberlain **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** REL6500 - Seminar on American Religion **STUDENT REC TITLE:** Seminar on Am Religion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Seminar examining selected topics related to the history and practice of religion in America. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate. ADD INFO: Instructor permission required.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4492 **STATUS:** Complete **CREATOR:** David Barr **CREATED:** 8/16/10 **APPROVED:** 9/20/10 WorkFlow	**VERSION:** REV **COURSE:** REL6810 - Independent Study **STUDENT REC TITLE:** independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Faculty-directed, individualized study on student-selected topics. Limited to advanced students. Permission of faculty and a minimum 3.5 GPA required. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 12 REP TIMES: 4 RESTRICTION: Must be enrolled at the following level: Graduate. ADD INFO: Department permission required.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7736 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 4/20/11 **APPROVED:** 5/24/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB670 - Workshop in Rehab **STUDENT REC TITLE:** Workshop in Rehab **EFFECTIVE:** Summer 2011 **COURSE DESC:** Workshop courses to meet the needs of in-service rehabilitation professionals as well as providing courses on a one-time basis to meet special interest needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: RHB 670
	VERSION: REV **COURSE:** RHB6700 - Rehabilitation Workshop **STUDENT REC TITLE:** Rehab Workshop **EFFECTIVE:** Fall 2012 **COURSE DESC:** Workshop courses to meet the needs of rehabilitation professionals as well as providing courses on as needed basis to meet special interest needs. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 12 REP TIMES: 4 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: RHB 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7908 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 7/7/11 **APPROVED:** 8/30/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB700 - Foundations of Vocational Rehabilitation **STUDENT REC TITLE:** Foundations of Voc Rehab **EFFECTIVE:** Fall 2011 **COURSE DESC:** Introduces rehabilitation. Topics include history, philosophy, legislative bases, organizational structures, rehabilitation process and procedures, public and private sectors of rehabilitation, rehabilitation agencies, and professional issues and ethics. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: RHB 700
	VERSION: REV **COURSE:** RHB7000 - Foundations of Rehabilitation **STUDENT REC TITLE:** Foundations of Rehab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores the historical issues of rehabilitation counseling, working with people who have disabilities, and people first terminology. Additional components include interviewing an individual who has a disability and visiting a rehabilitation facility. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: RHB 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7801 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 5/24/11 **APPROVED:** 6/16/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB702 - Medical Assessment **STUDENT REC TITLE:** Medical Assessment **EFFECTIVE:** Fall 2011 **COURSE DESC:** Necessary terminology and knowledge of disabilities and disorders for understanding and interpreting medical reports. Symptomology, treatment, functional limitations, and other management aspects of specific disabilities encountered in the course of employment are covered. Titles vary. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: RHB 702
	VERSION: REV **COURSE:** RHB7020 - Medical Aspects Seminar **STUDENT REC TITLE:** Medical Aspects Seminar **EFFECTIVE:** Fall 2012 **COURSE DESC:** Chronic illness and disability are conceptualized with the goal of helping clients achieve optimal functioning. Several conditions are reviewed such as traumatic brain injury, intellectual and developmental disorders. Pharmacological issues are also studied. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010 QTR EQUIV: RHB 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7803 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 5/24/11 **APPROVED:** 6/16/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB704 - Psychological Adjustment: Severe Disability **STUDENT REC TITLE:** Psy Adjust:Severe Disabil **EFFECTIVE:** Fall 2011 **COURSE DESC:** Psychological issues associated with specific disabling conditions. An in-depth review of the general adjustment process to disability and definitions of normality and abnormality. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: RHB 704
	VERSION: REV **COURSE:** RHB7040 - Psychosocial Rehabilitation **STUDENT REC TITLE:** Psychosocial Rehab **EFFECTIVE:** Fall 2012 **COURSE DESC:** Psychological issues associated with specific disabling conditions. An in-depth review of the general adjustment process to disability and definitions of normality and abnormality. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lab REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010 QTR EQUIV: RHB 704

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6189 **STATUS:** Complete **CREATOR:** Mary Haubert **CREATED:** 10/12/10 **APPROVED:** 3/22/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB707 - Medical Assessment in Chemical Dependency **STUDENT REC TITLE:** Med Assessment Chem Dep **EFFECTIVE:** Spring 2011 **COURSE DESC:** Terminology and knowledge of medical and pyschological processess associated with the use of alcohol and drugs. Identification and implementation of current intervention strategies utilized in the planning and treatment of chemical dependency are addressed. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: CNL 863 QTR EQUIV: RHB 707
	VERSION: REV **COURSE:** RHB7070 - Biopsychosocialspiritual Aspects **STUDENT REC TITLE:** Biopsychosoc Aspects **EFFECTIVE:** Fall 2012 **COURSE DESC:** Discovery and understanding of biological, psychological, social and spiritual processes associated with addictions. Identification and implementation of current assessment and intervention strategies utilized in the planning and treatment of addictions are addressed. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010 QTR PREREQ: CNL 863 QTR EQUIV: RHB 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6190 **STATUS:** Complete **CREATOR:** Mary Haubert **CREATED:** 10/12/10 **APPROVED:** 6/17/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB711 - Vocational Evaluation and Job Placement Techniques **STUDENT REC TITLE:** Vocatnl Eval & Job Pl Tec **EFFECTIVE:** Fall 2011 **COURSE DESC:** The history, philosophy, theoretical basis, goals, function, and scope of vocational evaluation. Theories and principles concerning work and career development are also explored. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Rehabilitation Services QTR EQUIV: RHB 711
	VERSION: REV **COURSE:** RHB7110 - Vocational Evaluation and Assessment **STUDENT REC TITLE:** Voc Eval & Assessment **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical orientation, development and utilization of work samples, situational assessments, analysis of work relevant data for hypothesis testing and communicating significant vocational data, and job placement strategies which facilitates employment of people with disabilities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010, CNL 7230, CNL 6200 QTR EQUIV: RHB 711

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6191 **STATUS:** Complete **CREATOR:** Mary Haubert **CREATED:** 10/12/10 **APPROVED:** 6/17/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB720 - Case Management in Vocational Rehabilitation **STUDENT REC TITLE:** Case Management in VR **EFFECTIVE:** Fall 2011 **COURSE DESC:** Develops specific case management skills in diagnosis, information processing planning, service arrangement, program monitoring, and job placement. Emphasis on case management techniques, ethics, consultation strategies, and specialized counseling skills development. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level RHB 700 and Graduate level RHB 702 and Graduate level RHB 711 QTR EQUIV: RHB 720
	VERSION: REV **COURSE:** RHB7200 - Case Management **STUDENT REC TITLE:** Case Management **EFFECTIVE:** Fall 2012 **COURSE DESC:** Assists students in conducting intake interviews, case recording, facilitation of multidisciplinary teams, writing rehabilitation plans with appropriate justifications and measureable outcomes, and case management skills. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: CNL 6010, CNL 7230, CNL 6200 QTR PREREQ: Graduate level RHB 700 and Graduate level RHB 702 and Graduate level RHB 711 QTR EQUIV: RHB 720

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7703 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 4/8/11 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB730 - Epidemiology of Chemical Dependency **STUDENT REC TITLE:** Epidemiology Chemical Dep **EFFECTIVE:** Summer 2011 **COURSE DESC:** Addresses the sociocultural influences associated with chemical dependency. Examines models of drug and alcohol use and the personal evolution of chemical dependency, and the ethical and legal ramifications germane to work in the drug-abuse field. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701, RHB 705, CNL 663, CNL 863 QTR EQUIV: RHB 730
	VERSION: REV **COURSE:** RHB7300 - Theory and Epidemiology of Addictions **STUDENT REC TITLE:** Epidemiology Addictions **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory and practice of a variety of treatment modalities and settings. Explores interdisciplinary treatment planning, evidence based practices, family, individual and group interventions, systems, holistic intervention strategies, recovery supports including self-help groups. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010, CNL 7230, CNL 6200, CNL 6020 QTR PREREQ: RHB 701, RHB 705, CNL 663, CNL 863 QTR EQUIV: RHB 730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7704 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 4/8/11 **APPROVED:** 4/28/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB731 - Treatment Approaches in Chemical Dependency **STUDENT REC TITLE:** Treatment Chemical Depend **EFFECTIVE:** Summer 2011 **COURSE DESC:** The theory and practice of a variety of treatment modalities, including in-patient and out-patient approaches, family interventions, and group techniques. Emphasizes systems approaches and holistic intervention strategies. Also covers self-help groups such as Alcoholics Anonymous and Al-Anon. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level RHB 701 and Graduate level CNL 863 QTR EQUIV: RHB 731
	VERSION: REV **COURSE:** RHB7310 - Treatment and Prevention of Addictions **STUDENT REC TITLE:** Treatment of Addictions **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theory and practice of a variety of treatment modalities and settings. Explores interdisciplinary treatment planning, evidence based practices, family, individual and group interventions, systems, holistic intervention strategies, recovery supports including self-help groups. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010, CNL 6020 QTR PREREQ: Graduate level RHB 701 and Graduate level CNL 863 QTR EQUIV: RHB 731

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1099 **STATUS:** Complete **CREATOR:** Helen Devore **CREATED:** 12/16/09 **APPROVED:** 2/24/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB770 - Independent Reading and Minor Problems in Rehabilitation **STUDENT REC TITLE:** Independent Reading **EFFECTIVE:** Winter 2010 **COURSE DESC:** Independent study in areas of interest to students but not readily available in any existing course. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: None QTR EQUIV: RHB 770
	VERSION: REV **COURSE:** RHB7700 - Independent Reading and Minor Problems in Rehabilitation **STUDENT REC TITLE:** Independent Reading **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent study in areas of interest to students but not readily available in any existing course. **COLLEGE:** College of Ed & Human Services **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 12 REP TIMES: 4 RESTRICTION: Departmental permission only SEM PREREQ: None QTR PREREQ: None QTR EQUIV: RHB 770

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7734 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 4/20/11 **APPROVED:** 6/16/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB801 - Internship I **STUDENT REC TITLE:** Internship I **EFFECTIVE:** Summer 2011 **COURSE DESC:** Students spend approximately twenty to thirty hours per week in a selected rehabilitation setting performing assigned entry-level work consistent with the integration of skills, attitudes, and knowledge of rehabilitation counseling. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 700, RHB 701, RHB 702, RHB 711, RHB 720, CNL 863 QTR EQUIV: RHB 801
	VERSION: REV **COURSE:** RHB8670 - Rehabilitation Counseling: Internship **STUDENT REC TITLE:** Rehab Couns Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** Opportunity to utilize all skills, techniques, and competencies acquired in previous coursework while delivering rehabilitation counseling services to consumers. The internship experience is determined individually between the student, university supervisor and site supervisor. **COLLEGE:** College of Ed & Human Services **CRED HR:** 6 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: RHB 8650 QTR PREREQ: RHB 700, RHB 701, RHB 702, RHB 711, RHB 720, CNL 863 QTR EQUIV: RHB 801

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7735 **STATUS:** Complete **CREATOR:** Stephen Fortson **CREATED:** 4/20/11 **APPROVED:** 6/16/11 WorkFlow	**VERSION:** CURR **COURSE:** RHB865 - Rehabilitation Counseling Practicum **STUDENT REC TITLE:** Rehab Counseling Pract **EFFECTIVE:** Summer 2011 **COURSE DESC:** Provides counseling experience in which students, under supervision, actually counsel individuals with rehabilitation concerns including vocational, educational, medical, psychosocial, and personal issues. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: RHB 701, RHB 702, RHB 704, CNL 863 QTR EQUIV: RHB 865
	VERSION: REV **COURSE:** RHB8650 - Rehabilitation Counseling: Practicum **STUDENT REC TITLE:** Rehab Counseling Pract **EFFECTIVE:** Fall 2012 **COURSE DESC:** Demonstrate basic skills, techniques, and competencies learned in previous coursework while delivering rehabilitation counseling services to consumers. The practicum experience is determined individually between the student, university supervisor and site supervisor. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: CNL 6010, CNL 6020, CNL 6030,RHB 7040, RHB 7200, RHB 7020 or RHB 7070, CNL 7280 QTR PREREQ: RHB 701, RHB 702, RHB 704, CNL 863 QTR EQUIV: RHB 865

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7505 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 2/21/11 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** REV **COURSE:** SCM7810 - Special Studies in Supply Chain Management **STUDENT REC TITLE:** Special Studies in SCM **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive reading or research in a selected field of supply chain management. Individualized instruction with varying topics. Permission of the instructor and departmental approval required. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 QTR EQUIV: MS 781

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5610 **STATUS:** Complete **CREATOR:** Patricia Fox **CREATED:** 9/27/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** REV **COURSE:** SCM7890 - Global Logistics and Trade **STUDENT REC TITLE:** SC Prj Mgt &Transform **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores issues involved in management and design of global supply chain. Topics include trade agreements, quality considerations, total cost calculations, interntional transportation, security issues and third party recources. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. MSLSCM only SEM PREREQ: None QTR PREREQ: None

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8287 **STATUS:** Process **CREATOR:** Richard Williams **CREATED:** 1/24/12 **APPROVED:** 2/6/12 WorkFlow	**VERSION:** REV **COURSE:** SCM7910 - Supply Chain Performance Measurement and Transformation **STUDENT REC TITLE:** SC Perf Meas and Trans **EFFECTIVE:** Fall 2012 **COURSE DESC:** Measurement and benchmarking of integrated supply chain performance and development of transformation strategy and plan. Performance measurement systems, Balanced Scorecard, SCOR model, development of scorecards and dashboards, development of transformation strategies. **COLLEGE:** Raj Soin College of Business **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enroled in one of the following levels: Graduate; MS in Logistics and Supply Chain Management only. SEM PREREQ: none

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3976 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/23/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC633 - Internship in Corrections **STUDENT REC TITLE:** Internship in Corrections **EFFECTIVE:** Fall 2010 **COURSE DESC:** Supervised field experience in corrections (e.g., probation, parole, and jail). Course requires readings, a log, progress reports, and a paper synthesizing readings and field experience. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 633
	VERSION: REV **COURSE:** SOC5000 - Internship in Criminal Justice and Family **STUDENT REC TITLE:** Internship in CJ/Family **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised field experience in criminal justice and family agencies. Requires readings, activity log, progress report, and final synthesis paper. Must be prearranged with departments internship coordinator at least one term prior to placement. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3000 QTR EQUIV: SOC 633

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3647 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/4/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC510 - Sociology of Gender **STUDENT REC TITLE:** Sociology of Gender **EFFECTIVE:** Fall 2010 **COURSE DESC:** Cross-cultural sociological knowledge and theories concerning origin/nature of sex roles; stratification of sexes in various societies; sex roles in institutions of family, education, religion, politics, economics, and health; and other topics such as socialization and media. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 510
	VERSION: REV **COURSE:** SOC5610 - Sociology of Gender **STUDENT REC TITLE:** Sociology of Gender **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines how gender is created and negotiated across space and place. Also how gender and gender inequality intersect with other social constructs, such as race, social class, the media, culture, sexuality, work, family, and violence. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. XLIST: SOC 3610 QTR EQUIV: SOC 510

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3914 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/21/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC560 - Sociology of the Family **STUDENT REC TITLE:** Sociology of the Family **EFFECTIVE:** Fall 2010 **COURSE DESC:** Sociological analysis of family development over its life cycle, and the relationship of the family to society and the individual. Topics include courtship, marriage, parenthood, adulthood, and aging. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 560
	VERSION: REV **COURSE:** SOC5100 - Sociology of the Family **STUDENT REC TITLE:** Sociology of the Family **EFFECTIVE:** Fall 2012 **COURSE DESC:** Sociological analysis of family development over its life cycle. Involved is the relationship of the family to society and the individual. Topics include courtship, marriage, parenthood, adulthood, and aging. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: SOC 3100 QTR EQUIV: SOC 560

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3718 **STATUS:** Complete **CREATOR:** Jacqueline Bergdahl **CREATED:** 6/9/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC561 - Religion and Society **STUDENT REC TITLE:** Religion and Society **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as REL 561.) Treatment of religion as a social institution, examining the influence of religious ideas and organizations on other social institutions, and the influence of society on religion. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 561
	VERSION: REV **COURSE:** SOC5110 - Sociology of Religion **STUDENT REC TITLE:** Sociology of Religion **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores the role of religion in society. Religion is viewed not only as a fundamental institution within our social structure, but also as a meaning system (a set of symbols, values, myths, and rituals) and a belonging system (a set of social networks and emotional bonds). Examines the influence that various religions have on society and, in turn, on the effect of social structure and culture on religion. Attention given to American religiosity as well as religion in other cultures. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: REL 5820, SOC 3110, REL 3820 QTR EQUIV: SOC 561

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3701 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/8/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC520 - Sociology of Deviant Behavior **STUDENT REC TITLE:** Sociology of Deviant Behavior **EFFECTIVE:** Fall 2010 **COURSE DESC:** Extensive exploration of the various sociological approaches to the study of deviance and social disorganization with emphasis on contemporary sociological theory and research. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 520
	VERSION: REV **COURSE:** SOC5210 - Sociology of Deviance **STUDENT REC TITLE:** Sociology of Deviance **EFFECTIVE:** Fall 2012 **COURSE DESC:** Extensive exploration of the various sociological approaches to the study of deviance and social disorganization with emphasis on contemporary sociological theory and research. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3210 QTR EQUIV: SOC 520

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3704 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/8/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC532 - Juvenile Delinquency **STUDENT REC TITLE:** Juvenile Delinquency **EFFECTIVE:** Fall 2010 **COURSE DESC:** Problems of definition and treatment of delinquency; preparation for further study and work with delinquents. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 532
	VERSION: REV **COURSE:** SOC5220 - Juvenile Delinquency **STUDENT REC TITLE:** Juvenile Delinquency **EFFECTIVE:** Fall 2012 **COURSE DESC:** Problems of definition and treatment of delinquency; preparation for further study and work with delinquents. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3220 QTR EQUIV: SOC 532

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4033 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/27/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC540 - Social Organization **STUDENT REC TITLE:** Social Organization **EFFECTIVE:** Fall 2010 **COURSE DESC:** Theories and analysis of social organization in its historical and present context. Emphasis on the interrelationship between individuals, the family, and other institutions. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 540
	VERSION: REV **COURSE:** SOC5300 - Social Organization **STUDENT REC TITLE:** Social Organization **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theories and analysis of social organization in its historical and present context. Emphasis on the interrelationship between individuals, the family, and other institutions. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3300 QTR EQUIV: SOC 540

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4043 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/27/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** SOC5310 - Social Change **STUDENT REC TITLE:** Social Change **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explanations of social change in modern societies. Emphasis on identification of sources of change, effects of change throughout society, major trends, and issues for the future. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3310

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3666 **STATUS:** Complete **CREATOR:** Jacqueline Bergdahl **CREATED:** 6/5/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC550 - Sociology of Work **STUDENT REC TITLE:** Sociology of Work **EFFECTIVE:** Fall 2010 **COURSE DESC:** Investigation, analysis, and discussion of contemporary theories focusing on the relationship of the individual to work. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 550
	VERSION: REV **COURSE:** SOC5320 - Sociology of Work **STUDENT REC TITLE:** Sociology of Work **EFFECTIVE:** Fall 2012 **COURSE DESC:** Investigation, analysis, and discussion of contemporary theories focusing on the relationship of the individual to work. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. QTR EQUIV: SOC 550

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4034 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/27/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC541 - Social Inequality **STUDENT REC TITLE:** Social Inequality **EFFECTIVE:** Fall 2010 **COURSE DESC:** Structures, theories, and consequences of social inequality with emphasis on the United States. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 541
	VERSION: REV **COURSE:** SOC5600 - Social Inequality **STUDENT REC TITLE:** Social Inequality **EFFECTIVE:** Fall 2012 **COURSE DESC:** Structures, theories and consequences of social inequality. This course explores the patterns of inequality, as well as early and contemporary theories of stratification. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate XLIST: SOC 3600 QTR EQUIV: SOC 541

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3668 **STATUS:** Complete **CREATOR:** Jacqueline Bergdahl **CREATED:** 6/5/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC642 - Race and Ethnicity **STUDENT REC TITLE:** Race and Ethnicity **EFFECTIVE:** Fall 2010 **COURSE DESC:** Intergroup, racial, and ethnic group relations, including the processes and consequences of conflict, prejudice, and discrimination. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SOC 642
	VERSION: REV **COURSE:** SOC5620 - Race and Ethnicity **STUDENT REC TITLE:** Race and Ethnicity **EFFECTIVE:** Fall 2012 **COURSE DESC:** The study of intergroup, racial, and ethnic group relations, including the processes and consequences of conflict, prejudice, and discrimination. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. XLIST: SOC 3620 QTR EQUIV: SOC 642

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3928 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/21/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** REV **COURSE:** SOC5700 - Criminology **STUDENT REC TITLE:** Criminology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides an analysis of major categories of criminal conduct, theories of crime causation, and patterns of criminal activity with particular attention to factors such as class, race, sex, and age. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4436 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 8/10/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** SOC5710 - Comparative Criminal Justice **STUDENT REC TITLE:** Comparative CJ **EFFECTIVE:** Fall 2012 **COURSE DESC:** A cross cultural approach examining select criminal justice systems in Europe, Asia, the Middle East, Latin America and Africa as compared to the U.S., involving such transnational crimes as terrorism, hijacking, drug smuggling and organized crime networks. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate ADD INFO: Instructor permission required. XLIST: SOC 3710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3917 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/21/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC657 - Policing in Society **STUDENT REC TITLE:** Policing in Society **EFFECTIVE:** Fall 2010 **COURSE DESC:** Developed to expand the depth of the criminology track for Sociology majors independent of, but which may be used as, course work for the new ABS CJ track. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 657
	VERSION: REV **COURSE:** SOC5720 - Policing in Society **STUDENT REC TITLE:** Policing in Society **EFFECTIVE:** Fall 2012 **COURSE DESC:** Discussion of the history and theories of policing while reviewing the role and function of the police. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3720 QTR EQUIV: SOC 657

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3648 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/4/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC622 - Sociology: Courts,Law,Justice **STUDENT REC TITLE:** Sociology: Courts,Law,Justice **EFFECTIVE:** Fall 2010 **COURSE DESC:** Students will critically examine the process, structure, and effects of the U.S. court system. Special attention will be given to issues of race, class, and other social factors that affect justice in society. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 622
	VERSION: REV **COURSE:** SOC5730 - Sociology of Courts, Law and Justice **STUDENT REC TITLE:** Courts, Law, & Justice **EFFECTIVE:** Fall 2012 **COURSE DESC:** Critical examination of the process, structure, and effects of the U.S. court system. Special attention will be given to issues of race, class, and other social factors that affect justice in society. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3730 QTR EQUIV: SOC 622

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3929 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/21/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC632 - Penology **STUDENT REC TITLE:** Penology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Historical development and critical assessment of penal institutions. Field visits to selected institutions. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 632
	VERSION: REV **COURSE:** SOC5740 - Penology **STUDENT REC TITLE:** Penology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical development and critical assessment of penal institutions. Field visits to selected institutions. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3740 QTR EQUIV: SOC 632

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4514 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 8/17/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** SOC5800 - Demography **STUDENT REC TITLE:** Demography **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to factors influencing the structure and growth of human populations and the social consequences of population change. Patterns of fertility, mortality, and migration in today's societies are emphasized, and methods and materials used to study populations are presented. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate XLIST: SOC 3800

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3658 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/5/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC661 - Medical Sociology **STUDENT REC TITLE:** Medical Sociology **EFFECTIVE:** Fall 2010 **COURSE DESC:** The social dimension of health and illness. Consideration of the patterns of disease, along with the organization, provision, and delivery of health care services. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 661
	VERSION: REV **COURSE:** SOC5810 - Medical Sociology **STUDENT REC TITLE:** Medical Sociology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduction to and understanding of the social dimensions of health and illness. Consideration of patterns of disease, along with the organization, provision and delivery of medical services. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 3810 QTR EQUIV: SOC 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3655 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/5/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC599 - Studies in Selected Subjects **STUDENT REC TITLE:** Studies in Selected Subjects **EFFECTIVE:** Fall 2010 **COURSE DESC:** Problems, approaches, and topics in the field of sociology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 599
	VERSION: REV **COURSE:** SOC6090 - Studies in Selected Subjects **STUDENT REC TITLE:** Studies in Selected Sbj. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Problems, approaches, and topics in the field of sociology. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate ADD INFO: Repeat credit will not be awarded for courses with identical topic titles. XLIST: SOC 4090 QTR EQUIV: SOC 599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3916 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/21/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6070 - Directed Readings in Sociology **STUDENT REC TITLE:** Directed Readings **EFFECTIVE:** Fall 2012 **COURSE DESC:** Readings in areas of specialized interest. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate ADD INFO: To enroll in this course students are required to: 1) have a minimum 3.0 grade point average, and 2) complete a Directed Readings contract in consultation with a department faculty member.

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3913 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/21/10 **APPROVED:** 9/27/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC690 - Directed Studies in Sociology **STUDENT REC TITLE:** Directed Studies in Sociology **EFFECTIVE:** Fall 2010 **COURSE DESC:** May be taken for letter grade or pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 690
	VERSION: REV **COURSE:** SOC6080 - Independent Study in Sociology **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research project in an area of specialized interest in Sociology. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 999 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate ADD INFO: To enroll in this course students are required to: 1) have a minimum 3.0 grade point average, and 2) complete an independent study contract in consultation with a department faculty member. QTR EQUIV: SOC 690

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5221 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 9/16/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6100 - Political Anthropology **STUDENT REC TITLE:** Political Anthropology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on the anthropological study of political life cross-culturally. Presents evolutionary and historical approaches to political institutions, and classic anthropological analyses of political institutions. Investigates recent developments in the study of politics as a contemporary problem. Integrated Writing course. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in the following levels: Undergraduate XLIST: SOC 4100, ATH 4500, PLS 6500, ATH 6500, PLS 4500 QTR EQUIV: ATH 650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3656 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/5/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC620 - Sociology of Sexual Behavior **STUDENT REC TITLE:** Sociology of Sexual Behavior **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course examines alternative sexual lifestyles and behaviors. Employing the concepts of cultural relativity and ethnocentrism, we learn how sexual relationships are perceived and responded to in contemporary American society. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 620
	VERSION: REV **COURSE:** SOC6600 - Sociology of Sexuality **STUDENT REC TITLE:** Sociology of Sexuality **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores issues of sexual identity and sexual behavior. Also addresses how social institutions affect sexuality. Theories of sexuality such as social constructionism and essentialism are also reviewed. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: SOC 4600 QTR EQUIV: SOC 620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4200 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 7/9/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6300 - Sociology of Immigration **STUDENT REC TITLE:** Sociology of Immigration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides an understanding of the dynamics of international migration and immigration, immigrant adaptation and incorporation, and the U.S. response to immigration. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 4300

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3667 **STATUS:** Complete **CREATOR:** Jacqueline Bergdahl **CREATED:** 6/5/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC644 - Urban Sociology **STUDENT REC TITLE:** Urban Sociology **EFFECTIVE:** Fall 2010 **COURSE DESC:** Role of cities in past and present societies, the social and cultural implications of urban living, and problems associated with city life. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 644
	VERSION: REV **COURSE:** SOC6310 - Urban Sociology **STUDENT REC TITLE:** Urban Sociology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Role of cities in past and present societies, the social and cultural implications of urban living, and problems associated with city life. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 4310 QTR EQUIV: SOC 644

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4041 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/27/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC646 - Neighborhoods and Communities **STUDENT REC TITLE:** Neighborhoods and Communities **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines the part the community and the neighborhood play in the social life of modern societies. What makes a good neighborhood? What makes a good community? These and other questions are addressed. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 646
	VERSION: REV **COURSE:** SOC6320 - Neighborhoods and Communities **STUDENT REC TITLE:** Neighborhoods & Cmmts. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical, methodological, and substantive issues related to neighborhoods and communities in social life. Emphasis on residential differentiation, segregation, neighborhood change, and neighborhood effects. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 4320 QTR EQUIV: SOC 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5564 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 9/24/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6400 - Qualitative Methods **STUDENT REC TITLE:** Qualitative Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides students with an appreciation of a variety of qualitative research techniques including interviews, focus groups, case studies, and observational research. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. XLIST: SOC 4400

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3669 **STATUS:** Complete **CREATOR:** Jacqueline Bergdahl **CREATED:** 6/5/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6410 - Application of Research Methods **STUDENT REC TITLE:** Application of Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced course in social research techniques providing students the opportunity to design and carry out full-scale research project related to their major interest areas. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture/Lab Combination REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in following level: Graduate SEM PREREQ: SOC 3400 and SOC 3410 XLIST: SOC 4410

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4939 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 9/8/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6420 - Ethnographic Methods **STUDENT REC TITLE:** Ethnographic Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores the meaning, scope and dilemmas of ethnography using both a hands-on ethnographic project and a wide array of readings. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following levels: Undergraduate XLIST: ATH 3710, SOC 4420, ATH 5710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3653 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/5/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** CURR **COURSE:** SOC659 - Explaining Crime:Beccaria-Thor **STUDENT REC TITLE:** Explaining Crime:Beccaria-Thor **EFFECTIVE:** Fall 2010 **COURSE DESC:** Objective is to provide students with a sound understanding of theories of crime and how they operate within society as part of our understanding of the criminal justice system. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SOC 659
	VERSION: REV **COURSE:** SOC6700 - Explaining Crime: From Beccarria to Thornberry **STUDENT REC TITLE:** Explaining Crime **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides students with a sound understanding of theories of crime and how they operate within society as part of our understanding of the criminal justice system. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: SOC 4700 QTR EQUIV: SOC 659

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3705 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/8/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6610 - Gender and Crime **STUDENT REC TITLE:** Gender and Crime **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of how crime and the criminal justice system are shaped by gendered social forces. Specifically addresses how these forces affect crime-related constituencies including perpetrators, workers, victims/survivors, and society as a whole. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: SOC 4610

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4052 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/28/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6620 - Elite Crime in Cinema **STUDENT REC TITLE:** Elite Crime in Cinema **EFFECTIVE:** Fall 2012 **COURSE DESC:** A theoretical and critical examination of how cinema exposes elite crime and deviance. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Must be enrolled in one of the following Levels: Graduate XLIST: SOC 4620

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3693 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/8/10 **APPROVED:** 8/18/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6710 - Victimology **STUDENT REC TITLE:** Victimology **EFFECTIVE:** Fall 2012 **COURSE DESC:** A comprehensive examination of victims of crime in both the United States and internationally. Also explores the role and impact of the criminal justice system on crime victims. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: SOC 4710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4203 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 7/10/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6800 - Aging and HIV **STUDENT REC TITLE:** Aging and HIV **EFFECTIVE:** Fall 2012 **COURSE DESC:** Socio-historical overview of the impact of HIV/AIDS on adults ages 50 and older. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 4800

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4205 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 7/11/10 **APPROVED:** 8/30/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6810 - Health of Vulnerable Populations **STUDENT REC TITLE:** Health Vulnerable Ppltns **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides an overview of the concepts of health vulnerability and health disparity and identifies key historical events/periods in the development of the American healthcare system, particularly for vulnerable populations. Develops a comprehensive understanding of social, public health, and theoretical issues influencing the multi-faceted barriers to healthcare utilization for specific vulnerable populations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: SOC 4810

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4039 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/27/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6820 - Social Gerontology **STUDENT REC TITLE:** Social Gerontology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Provides students with an understanding of social gerontology, its origins, and present domains of focus. A life course perspective that incorporates cultural, economic, historical and structural contexts provides the framework for examining aging-related issues, particularly with regard to the impact on quality of life for older adults. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate XLIST: SW 6620, SW 4620, SOC 4820

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3956 **STATUS:** Complete **CREATOR:** Tracey Steele **CREATED:** 6/22/10 **APPROVED:** 8/31/10 WorkFlow	**VERSION:** REV **COURSE:** SOC6830 - Sex, Drugs, & HIV **STUDENT REC TITLE:** Sex, Drugs, & HIV **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of etiology, social determinants, and social-psychological corollaries of HIV/AIDS. Examines sexual behavior, substance abuse, stress, stressful life events and stigma associated with HIV/AIDS. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. ADD INFO: Taught previously as SOC 599 Studies in Selected Subjects XLIST: SOC 4830

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1880 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 1/25/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** SPM701 - Current Issues in American Sports **STUDENT REC TITLE:** Current Issues Amer Spts **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course identified and analyzes the current issues impacting American sports. Emhasis is placed on how those issues and trends affect sport administrators, coaches, and fans. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SPM 701
	VERSION: REV **COURSE:** SPM7010 - Current Issues in American Sports **STUDENT REC TITLE:** Current Issues Amer Spts **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course identifies and analyzes the current issues impacting American sports. Emphasis is placed on how those issues and trends affect sport administrators, coaches, and fans. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPM 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8638 **STATUS:** Process **CREATOR:** Kindra Ropp **CREATED:** 3/8/12 **APPROVED:** 4/19/12 WorkFlow	**VERSION:** CURR **COURSE:** SPM7010 - Current Issues in American Sports **STUDENT REC TITLE:** Current Issues Amer Spts **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course identifies and analyzes the current issues impacting American sports. Emphasis is placed on how those issues and trends affect sport administrators, coaches, and fans. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SPM 701
	VERSION: REV **COURSE:** SPM7010 - Current Issues in American Sports **STUDENT REC TITLE:** Current Issues Amer Spts **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course identifies and analyzes the current issues impacting American sports. Emphasis is placed on how those issues and trends affect sport administrators, coaches, and fans. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SPM 701

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1883 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 1/25/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** SPM702 - Finance, Law, and Sports Management **STUDENT REC TITLE:** Finance, Law Sprts Mgt **EFFECTIVE:** Spring 2010 **COURSE DESC:** The purpose of this course is to provide a foundation in administration, finance, and legal issues for students in sports management. A historical and organizational context will be explored as well as professional perspective. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SPM 702
	VERSION: REV **COURSE:** SPM7020 - Fiscal Management in Sport **STUDENT REC TITLE:** Fiscal Mgt in Sport **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores the financial principles related to managing sports organizations. Budget development, management, and accountability are explored and current practices presented. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Course was changed from SPM 702 Finance Law and Sports Management to SPM 7020 Fiscal Management in Sport QTR EQUIV: SPM 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1887 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 1/26/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** SPM703 - Academic Support Services for Student Athletes **STUDENT REC TITLE:** Acad Supp Stu Athletes **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course will explore the academic experience of student athletes in the context of the demands of their sport and how support services are organized and delivered to address distinctive academic needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SPM 703
	VERSION: REV **COURSE:** SPM7030 - Academic Support Services for Student Athletes **STUDENT REC TITLE:** Acad Supp Stu Athletes **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course will explore the academic experience of student athletes in the context of the demands of their sport and how support services are organized and delivered to address distinctive academic needs. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPM 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1903 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 1/27/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** SPM704 - Recreation Management **STUDENT REC TITLE:** Recreation Management **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course explores directing and managing the program, services, and business operations of recreation and intramural sports programs. Organization principles and current issues are presented. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SPM 704
	VERSION: REV **COURSE:** SPM7040 - Recreation Management **STUDENT REC TITLE:** Recreation Management **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores directing and managing the program, services, and business operations of recreation and intramural sports programs. Organization principles and current issues are presented. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPM 704

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1904 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 1/27/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** SPM705 - Compliance and Regulation **STUDENT REC TITLE:** Compliance & Regulation **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course focuses on the NCAA legislative process and bylaws governing the operations of an athletics program. Included topics are those bylaws related to eligibility, amateurism, recruiting and financial aid. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SPM 705
	VERSION: REV **COURSE:** SPM7050 - Compliance and Regulation **STUDENT REC TITLE:** Compliance & Regulation **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on the NCAA legislative process and bylaws governing the operations of an athletics program. Included topics are those bylaws related to eligibility, amateurism, recruiting and financial aid. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPM 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1905 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 1/27/10 **APPROVED:** 9/7/10 WorkFlow	**VERSION:** CURR **COURSE:** SPM706 - Facilities and Event Management **STUDENT REC TITLE:** Facilities and Event Mgt **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course focuses on the planning, designing, operations and management of physical education, athletics, recreation, health and fitness, and aquatics facilities. Included are the development, planning, scheduling and implementaiton of daily and major events. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SPM 706
	VERSION: REV **COURSE:** SPM7060 - Facilities and Event Management **STUDENT REC TITLE:** Facilities and Event Mgt **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course focuses on the planning, designing, operations and management of physical education, athletics, recreation, health and fitness, and aquatics facilities. Included are the development, planning, scheduling and implementaiton of daily and major events. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPM 706

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
1906 **STATUS:** Complete **CREATOR:** Courtney Gilpin **CREATED:** 1/27/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** SPM708 - Sport and Event Marketing **STUDENT REC TITLE:** Sport & Event Marketing **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course explores the various aspects of marketing sports programs and sporting events. Current issues and accepted practices and techniques will be presented. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar QTR EQUIV: SPM 708
	VERSION: REV **COURSE:** SPM7080 - Marketing and Public Relations in Sport **STUDENT REC TITLE:** Mkt & Pub Relations Spt **EFFECTIVE:** Fall 2012 **COURSE DESC:** This course explores the marketing and public relations aspects of sports programs and sporting events. Current issues and accepted practices and techniques are presented. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Name for the course was changed from SPM 708 Sport and Event Marketing to SPM 7080 Marketing and Public Relations in Sport QTR EQUIV: SPM 708

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2037 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 2/7/10 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** REV **COURSE:** SPN5110 - Spanish Conversation I **STUDENT REC TITLE:** Spanish Conversation I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practice in the oral use of Spanish emphasizing the culture of the Hispanic world. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** Y **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 ADD INFO: Qualified students may register with instructor permission. Taught in Spanish SEM PREREQ: Graduate student XLIST: SPN 3110 QTR EQUIV: SPN 511

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
810 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN512 - Spanish Conversation **STUDENT REC TITLE:** Spanish Conversation **EFFECTIVE:** Winter 2010 **COURSE DESC:** Practice in oral use of Spanish emphasizing the culture of the Hispanic world. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 512
	VERSION: REV **COURSE:** SPN5120 - Spanish Conversation II **STUDENT REC TITLE:** Spanish Conversation II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Practice in oral use of Spanish emphasizing the culture of the Hispanic world. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish XLIST: SPN 3120 QTR EQUIV: SPN 512

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
811 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN521 - Spanish Composition **STUDENT REC TITLE:** Spanish Composition **EFFECTIVE:** Winter 2010 **COURSE DESC:** Oral and written composition in Spanish; translations from English into Spanish. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 521
	VERSION: REV **COURSE:** SPN5210 - Writing in Spanish **STUDENT REC TITLE:** Writing in Spanish **EFFECTIVE:** Fall 2012 **COURSE DESC:** Oral and written composition in Spanish; writing techniques and grammar review. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: SPN 3210 QTR EQUIV: SPN 521

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
812 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN522 - Spanish Composition **STUDENT REC TITLE:** Spanish Composition **EFFECTIVE:** Winter 2010 **COURSE DESC:** Oral and written composition in Spanish; translations from English into Spanish. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 522
	VERSION: REV **COURSE:** SPN5220 - Advanced Writing in Spanish **STUDENT REC TITLE:** Adv Writing in Spanish **EFFECTIVE:** Fall 2012 **COURSE DESC:** Writing techniques and grammar review; literary and/or film analysis incorporating targeted grammar, vocabulary, and stylistic devices. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish XLIST: SPN 3220 QTR EQUIV: SPN 522

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
813 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN525 - Business Spanish **STUDENT REC TITLE:** Business Spanish **EFFECTIVE:** Winter 2010 **COURSE DESC:** An introduction to the language of business Spanish with insight into Spain and Latin America within the global economy. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 525
	VERSION: REV **COURSE:** SPN5250 - Business Spanish I **STUDENT REC TITLE:** Business Spanish I **EFFECTIVE:** Fall 2012 **COURSE DESC:** An introduction to the language of business Spanish with insight into Spain and Latin America within the global economy. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish XLIST: SPN 3250 QTR EQUIV: SPN 525

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
814 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN526 - Business Spanish **STUDENT REC TITLE:** Business Spanish **EFFECTIVE:** Winter 2010 **COURSE DESC:** Study of the business culture behind Spanish. Development of communication skills and intercultural understanding. Use of Spanish in International Business. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level SPN 525 QTR EQUIV: SPN 526
	VERSION: REV **COURSE:** SPN5260 - Business Spanish II **STUDENT REC TITLE:** Business Spanish II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the business culture behind Spanish. Development of communication skills and intercultural understanding. Use of Spanish in International Business. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Qualified students may register with instructor permission. Taught in Spanish SEM PREREQ: Graduate level SPN 5250 XLIST: SPN 3260 QTR PREREQ: Graduate level SPN 525 QTR EQUIV: SPN 526

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
815 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN531 - Survey of Spanish Literature **STUDENT REC TITLE:** Survey of Spanish Lit **EFFECTIVE:** Winter 2010 **COURSE DESC:** Historical survey of Spanish literature from the beginning to romanticism. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 531
	VERSION: REV **COURSE:** SPN5310 - Survey of Spanish Literature **STUDENT REC TITLE:** Survey of Spanish Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Historical survey of Spanish literature from the Middle Ages to the present. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish. XLIST: SPN 3310 QTR EQUIV: SPN 531

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
816 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN533 - Survey of Spanish-American Literature **STUDENT REC TITLE:** Survey of Span-Amer Lit **EFFECTIVE:** Winter 2010 **COURSE DESC:** Reading of prose, poetry, and plays by Spanish-American writers. From pre-Columbian times to romanticism. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 533
	VERSION: REV **COURSE:** SPN5320 - Survey of Spanish-American Literature **STUDENT REC TITLE:** Survey of Span-Amer Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Reading of prose, poetry, and plays by Spanish-American writers. From pre-Columbian times to the present. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish. XLIST: SPN 3320 QTR EQUIV: SPN 533

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
817 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN581 - Applied Elementary Spanish Instruction **STUDENT REC TITLE:** Applied Elem Spn Instr **EFFECTIVE:** Winter 2010 **COURSE DESC:** Assistance for elementary course instructors in conducting classes. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** SPN5810 - Applied Elementary Spanish Instruction **STUDENT REC TITLE:** Applied Elem Spn Instr **EFFECTIVE:** Fall 2012 **COURSE DESC:** Assistance for elementary course instructors in conducting classes. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. Instructor permission necessary. ADD INFO: Conducted in Spanish. XLIST: SPN 3810

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
818 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN590 - Foreign Language Institute **STUDENT REC TITLE:** Foreign Lang Institute **EFFECTIVE:** Winter 2010 **COURSE DESC:** For teachers of Spanish. Intensive experience designed, through total immersion, to improve language skills (conversation and composition) and increase awareness of Spanish civilization and contemporary culture. **COLLEGE:** College of Liberal Arts **CRED HR:** 8 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 590
	VERSION: REV **COURSE:** SPN5900 - Foreign Language Institute **STUDENT REC TITLE:** Foreign Lang Institute **EFFECTIVE:** Fall 2012 **COURSE DESC:** For teachers of Spanish. Intensive experience designed, through total immersion, to improve language skills (conversation and composition) and increase awareness of Spanish civilization and contemporary culture. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish. SEM PREREQ: SPN 5110 or SPN 5120 or SPN 3210 or SPN 5220 or undergraduate major or minor in Spanish. QTR EQUIV: SPN 590

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2038 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 2/7/10 **APPROVED:** 5/26/10 WorkFlow	**VERSION:** REV **COURSE:** SPN5990 - Studies in Selected Subjects **STUDENT REC TITLE:** Studies in Selected Subj **EFFECTIVE:** Fall 2012 **COURSE DESC:** Graduate level research and writing in the field of Spanish. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following levels: Graduate ADD INFO: Taught in Spanish SEM PREREQ: SPN 5110 or SPN 5120 or SPN 3210 or SPN 3220 or undergraduate major or minor in Spanish XLIST: SPN 3990

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
819 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN603 - Advanced Studies: Language and Civilization **STUDENT REC TITLE:** Adv Studies: Lang Civiliz **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics vary. Conducted in Spanish. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 603
	VERSION: REV **COURSE:** SPN6030 - Advanced Studies: Language and Civilization **STUDENT REC TITLE:** Adv Studies: Lang Civil **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics vary. Conducted in Spanish. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish. XLIST: SPN 4030 QTR EQUIV: SPN 603

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
820 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN631 - Sem in Spanish Literature **STUDENT REC TITLE:** Sem in Spanish Literature **EFFECTIVE:** Winter 2010 **COURSE DESC:** Intensive study of selected topics in peninsular literature. Background lectures, oral reports, and discussions. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 631
	VERSION: REV **COURSE:** SPN6310 - Seminar in Spanish Literature **STUDENT REC TITLE:** Sem in Spanish Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Intensive study of selected topics in peninsular literature. Background lectures, oral reports, and discussions. Titles vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish XLIST: SPN 4310 QTR EQUIV: SPN 631

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
821 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 12/6/09 **APPROVED:** 1/25/11 WorkFlow	**VERSION:** CURR **COURSE:** SPN632 - Seminar in Spanish-American Literature **STUDENT REC TITLE:** Sem in Spanish-Amer Lit **EFFECTIVE:** Winter 2010 **COURSE DESC:** Readings and reports in the novel, poetry, and drama of selected Spanish-American authors. Representative works of Borges, Garcma, Marquez, Rulfo, Paz, Vargas Llosa, Sanchez, and others. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SPN 632
	VERSION: REV **COURSE:** SPN6320 - Seminar in Spanish-American Literature **STUDENT REC TITLE:** Sem in Spanish-Amer Lit **EFFECTIVE:** Fall 2012 **COURSE DESC:** Readings and reports in the novel, poetry, and drama of selected Spanish-American authors. Representative works of Borges, Garcia Marquez, Rulfo, Paz, Vargas Llosa, Sanchez, and others. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish. XLIST: SPN 4320 QTR EQUIV: SPN 632

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2040 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 2/7/10 **APPROVED:** 5/19/10 WorkFlow	**VERSION:** REV **COURSE:** SPN6710 - Spanish As a World Language **STUDENT REC TITLE:** Spanish As a World Lang **EFFECTIVE:** Fall 2012 **COURSE DESC:** Linguistic and social history of the Spanish language. Language variation in Spain, Latin America, United States, and other areas of the world where Spanish is spoken. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following levels: Graduate. ADD INFO: Taught in Spanish. XLIST: SPN 4710

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
2042 **STATUS:** Complete **CREATOR:** Ksenia Bonch Reeves **CREATED:** 2/7/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** SPN683 - Latin American Business **STUDENT REC TITLE:** Latin American Business **EFFECTIVE:** Spring 2010 **COURSE DESC:** This course studies, in both English and Spanish, fundamental concepts of doing business, managing and marketing in Latin America. Examines cultural, institutional and behavioral and management systems and their operation in Latin America. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: (SPN 325 and MIB 201 and EC 200 and EC 310) or EC 435 QTR EQUIV: SPN 683
	VERSION: REV **COURSE:** SPN6830 - Latin American Business **STUDENT REC TITLE:** Latin American Business **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies, in both English and Spanish, fundamental concepts of doing business, managing and marketing in Latin America. Examines cultural, institutional, behavioral and management systems and their operation in Latin America. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate ADD INFO: Taught in Spanish XLIST: SPN 4830 QTR PREREQ: (SPN 325 and MIB 201 and EC 200 and EC 310) or EC 435 QTR EQUIV: SPN 683

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
504 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT560 - Applied Statistics I **STUDENT REC TITLE:** Applied Statistics I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduces probability, random variables and their expectations, some commonly used discrete and continuous distributions, concept of random sampling and sampling distributions. Uses computer software packages for simulating, summarizing, and displaying data. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 229 and MTH 230 QTR EQUIV: STT 560
	VERSION: REV **COURSE:** STT5600 - Applied Statistics I **STUDENT REC TITLE:** Applied Statistics I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces probability, random variables and their expectations, some commonly used discrete and continuous distributions, concept of random sampling and sampling distributions. Uses computer software packages for simulating, summarizing, and displaying data. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2310 XLIST: STT 3600 QTR PREREQ: MTH 229 and MTH 230 QTR EQUIV: STT 560

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
505 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT561 - Applied Statistics II **STUDENT REC TITLE:** Applied Statistics II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduces statistics, standard statistical methods for estimation of parameters and hypothesis testing, regression analysis and analysis of variance techniques, and exposure to data analysis using packaged computer programs. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 560 QTR EQUIV: STT 561
	VERSION: REV **COURSE:** STT5610 - Applied Statistics II **STUDENT REC TITLE:** Applied Statistics II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Introduces statistics, standard statistical methods for estimation of parameters and hypothesis testing, regression analysis and analysis of variance techniques, and exposure to data analysis using packaged computer programs. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 5600 XLIST: STT 3610 QTR PREREQ: Graduate level STT 560 QTR EQUIV: STT 561

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
506 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT586 - Independent Reading in Statistics and Probability **STUDENT REC TITLE:** Ind Read in Stat and Pro **EFFECTIVE:** Winter 2010 **COURSE DESC:** Independent reading in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** STT5860 - Independent Reading in Statistics and Probability **STUDENT REC TITLE:** Ind Read Stat and Prob **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent reading in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
508 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT591 - Advanced Statistical Methods for Nursing Research **STUDENT REC TITLE:** Statistics for Nursing **EFFECTIVE:** Winter 2010 **COURSE DESC:** Coverage of concepts, principles, interpretation and practical rules of thumb for advanced statistical methods used in nursing research. **COLLEGE:** College of Science & Math **CRED HR:** 0.500 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Nursing QTR EQUIV: STT 591
	VERSION: REV **COURSE:** STT5910 - Advanced Statistical Methods for Nursing Research **STUDENT REC TITLE:** Statistics for Nursing **EFFECTIVE:** Fall 2012 **COURSE DESC:** Coverage of concepts, principles, interpretation and practical rules of thumb for advanced statistical methods used in nursing research. **COLLEGE:** College of Science & Math **CRED HR:** 0.500 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Nursing QTR EQUIV: STT 591

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
510 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT596 - Topics in Statistics and Probability **STUDENT REC TITLE:** Topics in Stat and Prob **EFFECTIVE:** Winter 2010 **COURSE DESC:** May be taken for letter grade or pass/unsatisfactory. Titles vary. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** STT5960 - Topics in Statistics and Probability **STUDENT REC TITLE:** Topics in Stat and Prob **EFFECTIVE:** Fall 2012 **COURSE DESC:** May be taken for letter grade or pass/unsatisfactory. Titles vary. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
553 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT611 - Applied Time Series **STUDENT REC TITLE:** Applied Time Series **EFFECTIVE:** Winter 2010 **COURSE DESC:** Stochastic models for discrete time series in the time-domain, moving average processes, autoregressive processes, model identification, parameter estimation, and forecasting. Statistical computing software packages are used. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: STT 361 or Graduate level STT 561 QTR EQUIV: STT 611
	VERSION: REV **COURSE:** STT6110 - Applied Time Series **STUDENT REC TITLE:** Applied Time Series **EFFECTIVE:** Fall 2012 **COURSE DESC:** Stochastic models for discrete time series in the time-domain, moving average processes, autoregressive processes, model identification, parameter estimation, and forecasting. Statistical computing software packages are used. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 3610 or STT 5610 XLIST: STT 4110 QTR PREREQ: STT 361 or Graduate level STT 561 QTR EQUIV: STT 611

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
537 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT721 - Sampling Design **STUDENT REC TITLE:** Sampling Design **EFFECTIVE:** Winter 2010 **COURSE DESC:** Applications of sampling theory and basic methods of sampling selection. Simple random sampling, systematic sampling, sampling with probability proportionate to unit size, use of auxiliary estimators, and Warner's procedure. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 661 QTR EQUIV: STT 721
	VERSION: REV **COURSE:** STT6210 - Sampling Design **STUDENT REC TITLE:** Sampling Design **EFFECTIVE:** Fall 2012 **COURSE DESC:** Classical sampling designs including simple random sampling, stratified sampling, multi-stage sampling, cluster sampling, and systematic sampling; Using auxiliary information and ratio estimators; Unequal probability sampling, detectability and line transect methods; composite and ranked-set sampling. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 6610 XLIST: STT 4210 QTR PREREQ: Graduate level STT 661 QTR EQUIV: STT 721

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
515 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT624 - Statistical Quality Control and Improvement **STUDENT REC TITLE:** Statistic Quality Control **EFFECTIVE:** Winter 2010 **COURSE DESC:** Statistical process control for attributes and variables data: probability distributions, sampling plans, control charts, statistical control, process capability, process improvement, tolerance intervals, evolutionary operation, and applications. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: STT 361 or STT 363 QTR EQUIV: STT 624
	VERSION: REV **COURSE:** STT6240 - Statistical Quality Control and Improvement **STUDENT REC TITLE:** Stat Quality Control **EFFECTIVE:** Fall 2012 **COURSE DESC:** Statistical process control for attributes and variables data: probability distributions, sampling plans, control charts, statistical control, process capability, process improvement, tolerance intervals, evolutionary operation, and applications. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 3610 or STT 3630 XLIST: STT 4240 QTR PREREQ: STT 361 or STT 363 QTR EQUIV: STT 624

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
588 **STATUS:** Complete **CREATOR:** Richard Mercer **CREATED:** 11/25/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT626 - Survival Analysis **STUDENT REC TITLE:** Survival Analysis **EFFECTIVE:** Winter 2010 **COURSE DESC:** Censoring and truncation, survival and hazard functions, estimation and hypothesis tests, Cox proportional hazards model; diagnostics of the Cox model; state-of-the-art software for survival analysis models. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 561 QTR EQUIV: STT 626
	VERSION: REV **COURSE:** STT6260 - Survival Analysis **STUDENT REC TITLE:** Survival Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Censoring and truncation, survival and hazard functions, estimation and hypothesis tests, Cox proportional hazards model; diagnostics of the Cox model; state-of-the-art software for survival analysis models. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 3610 or STT 5610 XLIST: STT 4260 QTR PREREQ: Graduate level STT 561 QTR EQUIV: STT 626

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
519 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT630 - Biostatistics **STUDENT REC TITLE:** Biostatistics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Statistical methods suitable for analysis of data arising in biological and related studies. Estimation and hypothesis testing are reviewed. Methods include one and two sample tests, simple and multiple regression, and analysis of variance. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate May not be enrolled in one of the following Majors: Mathematics Applied Statistics QTR PREREQ: STT 265 QTR EQUIV: STT 630
	VERSION: CURR **COURSE:** STT706 - Intro to Statistical Modeling for Environmental Data **STUDENT REC TITLE:** Intro Environmental Stat **EFFECTIVE:** Winter 2010 **COURSE DESC:** Introduction to sampling schemes, exploratory data analysis, probability distributions, and statistical methods for environmental data. Confidence, prediction and tolerance intervals. Introduction to linear models, simulation and risk assessment, and stochastic processes. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: STT 265 QTR EQUIV: STT 630
	VERSION: REV **COURSE:** STT6300 - Biostatistics **STUDENT REC TITLE:** Biostatistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Statistical methods suitable for analysis of data arising in biological and related studies. Estimation and hypothesis testing are reviewed. Methods include one and two sample tests, simple and multiple regression, and analysis of variance. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate May not be enrolled in one of the following Majors: Mathematics or Applied Statistics SEM PREREQ: STT 2640

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
519 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	XLIST: STT 4300 QTR PREREQ: STT 265 QTR EQUIV: STT 630

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8826 **STATUS:** Process **CREATOR:** Richard Mercer **CREATED:** 4/19/12 **APPROVED:** 5/8/12 WorkFlow	**VERSION:** REV **COURSE:** STT6310 - Statistical Methods for Clinical Trials **STUDENT REC TITLE:** Stat Meth Clinical Trial **EFFECTIVE:** Fall 2012 **COURSE DESC:** Basic clinical design methodology, types of clinical trials, analysis of trial data, and statistical issues that commonly arise in clinical trials. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: STT 3610/5610 or STT 6300

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
520 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT646 - Statistical Methods for Engineers I **STUDENT REC TITLE:** Statistical Methods I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Classical statistical techniques for analysis and interpretation of research data, with extensive use of statistical software. Includes review of basic statistics. Simple, multiple, and polynomial regression, and single factor analysis of variance are covered. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: STT 361 or Graduate level STT 561 QTR EQUIV: STT 647
	VERSION: CURR **COURSE:** STT647 - Statistical Methods for Engineers II **STUDENT REC TITLE:** Statistical Methods II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Continuation of STT 646. Analysis of variance, techniques for interpretation of research data, with extensive use of statistical software. Includes factoral experiments, fixed and random effects, crossed and nested factors, and repeated measures. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: STT 361 or Graduate level STT 561 QTR EQUIV: STT 647
	VERSION: REV **COURSE:** STT6460 - Statistical Methods for Engineers **STUDENT REC TITLE:** Stat Methods Engineers **EFFECTIVE:** Fall 2012 **COURSE DESC:** Classical statistical techniques for analysis and interpretation of research data, with extensive use of statistical software. Includes review of basic statistics. Simple, multiple, and polynomial regression. Analysis of variance, techniques for interpretation of research data, with extensive use of statistical software. Includes factorial experiments, fixed and random effects, crossed and nested factors, and repeated measures. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
520 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 3610 or STT 5610 QTR PREREQ: STT 361 or Graduate level STT 561 QTR EQUIV: STT 647

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
522 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT661 - Theory of Statistics I **STUDENT REC TITLE:** Theory of Statistics I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Probability, random variables, density and distribution functions, expectation, moment generating functions, special discrete and continuous distributions; joint, marginal and conditional distributions; independence, properties of expected values, functions of random variables. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: MTH 232 QTR EQUIV: STT 661
	VERSION: REV **COURSE:** STT6610 - Theory of Statistics I **STUDENT REC TITLE:** Theory of Statistics I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Probability, random variables, density and distribution functions, expectation, moment generating functions, special discrete and continuous distributions; joint, marginal and conditional distributions; independence, properties of expected values, functions of random variables, order statistics, transformations, limiting distributions, convergence in distribution, central limit theorem, statistics and sampling distributions. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2320 XLIST: STT 4610 QTR PREREQ: MTH 232 QTR EQUIV: STT 661

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
523 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT662 - Theory of Statistics II **STUDENT REC TITLE:** Theory of Statistics II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Limiting distributions, central limit theorem, statistics and sampling distributions, point estimation, properties of estimators, sufficiency and completeness, interval estimation, hypothesis testing, most powerful and UMP tests, likelihood ratio tests. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 661 QTR EQUIV: STT 662
	VERSION: CURR **COURSE:** STT761 - Theory of Linear Models **STUDENT REC TITLE:** Theory of Linear Models **EFFECTIVE:** Winter 2010 **COURSE DESC:** Concepts of matrix algebra and the multivariate normal distribution are developed in order to study the general linear model of full rank. Some applications of regression are covered. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 661 QTR EQUIV: STT 662
	VERSION: REV **COURSE:** STT6620 - Theory of Statistics II **STUDENT REC TITLE:** Theory of Statistics II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Point estimation, properties of estimators, sufficiency and completeness, single parameter interval estimation, hypothesis testing, most powerful and UMP tests, likelihood ratio tests, maximum likelihood estimation (mle) and computational approaches to determine mles. The multivariate normal distribution, random vectors and covariance matrices; linear and quadratic forms. The general linear model, Cochran-Fisher theorem. Hypothesis testing and confidence regions for a vector of parameters. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
523 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Graduate level STT 6610 XLIST: STT 4620 QTR PREREQ: Graduate level STT 661 QTR EQUIV: STT 662

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
525 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT664 - Computational Statistics **STUDENT REC TITLE:** Computational Statistics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Bootstrapping is a computing-intensive method of data analysis by computing distributions. The method, including permutation tests, can be easily adapted to many classical problems. Software used for the course includes SPLUS and Mathematica. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 560 and Graduate level STT 561 QTR EQUIV: STT 664
	VERSION: REV **COURSE:** STT6640 - Computational Statistics **STUDENT REC TITLE:** Computational Statistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Random number generation and Monte Carlo methods. The bootstrap and permutation tests. Numerical methods for optimization related to maximum likelihood estimation. Nonparametric density estimation. Monte Carlo Markov Chain (MCMC) methods. Classification and regression trees. Software used for the course includes SPLUS or R. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Graduate level STT 5610 XLIST: STT 464 QTR PREREQ: Graduate level STT 560 and Graduate level STT 561 QTR EQUIV: STT 664

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
527 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT666 - Statistical Methods I **STUDENT REC TITLE:** Statistical Methods I **EFFECTIVE:** Winter 2010 **COURSE DESC:** Classical statistical techniques for analysis and interpretation of research dataincluding the use of statistical software packages. Includes descriptive statistics, one- and two-sample inferences, regression and correlation analysis. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: (MTH 253 or MTH 355) and (STT 265 or STT 361) QTR EQUIV: STT 666
	VERSION: REV **COURSE:** STT6660 - Statistical Methods I **STUDENT REC TITLE:** Statistical Methods I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Simple linear regression and correlation analysis. Concepts of matrix algebra, the matrix approach for regression and multiple regression. The general linear model. An introduction to generalized linear models. Single factor analysis of variance and multiple comparisons. Nonparametric methods. Statistical software packages will be used. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2530 and (STT 2640 or STT 3610) XLIST: STT 4660 QTR PREREQ: (MTH 253 or MTH 355) and (STT 265 or STT 361) QTR EQUIV: STT 666

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
528 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT667 - Statistical Methods II **STUDENT REC TITLE:** Statistical Methods II **EFFECTIVE:** Winter 2010 **COURSE DESC:** Continuation of STT 666. Includes analysis of variance, multiple comparisons, analysis of covariance, contingency table analysis, goodness of fit tests. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 666 QTR EQUIV: STT 667
	VERSION: CURR **COURSE:** STT669 - Introduction to Experimental Design **STUDENT REC TITLE:** Intro to Expermtl Design **EFFECTIVE:** Winter 2010 **COURSE DESC:** Randomization, replication, blocking, factoral design. Block designs; multi-factor experiements; fixed-, random-, and mixed-effects models; repeated measures; nested factors; split-plot designs; confounding and fractions for 2**k factorial experiments. Statistical software used extensively. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 666 QTR EQUIV: STT 667
	VERSION: REV **COURSE:** STT6670 - Statistical Methods II **STUDENT REC TITLE:** Statistical Methods II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Randomization and replication. One and two-way analysis of variance, multiple comparisons, analysis of covariance. Multi-factor experiments. Block designs. Mixed- and random-effects models, including repeated measures. Nested factors; split-plot designs; confounding and fractions for 2^k factorial experiments. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Graduate level STT 6660 XLIST: STT 4670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
528 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	QTR PREREQ: Graduate level STT 666 QTR EQUIV: STT 667

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
529 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT686 - Independent Reading in Statistics and Probability **STUDENT REC TITLE:** Ind Read in Stat and Prob **EFFECTIVE:** Winter 2010 **COURSE DESC:** Independent reading in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** STT6860 - Independent Reading in Statistics and Probability **STUDENT REC TITLE:** Ind Read Stat and Prob **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent reading in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
531 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 7/7/10 WorkFlow	**VERSION:** CURR **COURSE:** STT696 - Topics in Statistics and Probability **STUDENT REC TITLE:** Topics in Stat and Prob **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** STT6960 - Topics in Statistics and Probability **STUDENT REC TITLE:** Topics in Stat and Prob **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
532 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT702 - Applied Stochastic Process **STUDENT REC TITLE:** Applied Stochastic Process **EFFECTIVE:** Winter 2010 **COURSE DESC:** Stationary processes, Markov chains, Poisson processes, pure birth process, queuing processes, inventory problems, and traffic flow problems. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 661 QTR EQUIV: STT 702
	VERSION: REV **COURSE:** STT7020 - Applied Stochastic Processes **STUDENT REC TITLE:** Stochastic Processes **EFFECTIVE:** Fall 2012 **COURSE DESC:** Stationary processes, Markov chains, Poisson processes, pure birth process, queuing processes, inventory problems, traffic flow problems, introduction to financial processes. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: Graduate level STT 6610 QTR PREREQ: Graduate level STT 661 QTR EQUIV: STT 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
535 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 9/14/10 WorkFlow	**VERSION:** CURR **COURSE:** STT714 - Statistical Modeling for Environmental Data **STUDENT REC TITLE:** Environmental Statistics **EFFECTIVE:** Winter 2010 **COURSE DESC:** Statistical techniques for the modeling and analysis of spatial and time-series environmental data, including spatio-temporal analysis, using appropriate software. Applications and case studies. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level ES 706 or Graduate level STT 706 or Graduate level STT 667 QTR EQUIV: STT 714
	VERSION: REV **COURSE:** STT7140 - Statistical Modeling for Environmental Data **STUDENT REC TITLE:** Environmental Statistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Statistical techniques for the modeling and analysis of environmental data including advanced regression techniques, generalized linear models, and random effects. Also modeling of spatial and time-series environmental data, including spatio-temporal analysis, using appropriate software. Applications and case studies. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 6670 XLIST: ES 7140 QTR PREREQ: Graduate level ES 706 or Graduate level STT 706 or Graduate level STT 667 QTR EQUIV: STT 714

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8830 **STATUS:** Process **CREATOR:** Richard Mercer **CREATED:** 4/19/12 **APPROVED:** 5/8/12 WorkFlow	**VERSION:** REV **COURSE:** STT7300 - Advanced Topics in Biostatistics **STUDENT REC TITLE:** Adv Topics Biostatistics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Statistical theory and analysis of data relating to advanced topic in biostatistical applications. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: STT 6620 and STT 6670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
538 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT740 - Categorical Data Analysis **STUDENT REC TITLE:** Categorical Data Analysis **EFFECTIVE:** Winter 2010 **COURSE DESC:** Standard techniques for analyzing and describing two-dimensional contingency tables. Logistic regression models and loglinear models developed for data structures involving categorical response variables, including model selection procedures, diagnostics, association graphs, and collapsibility. SAS procedures used for analysis of data sets. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 662 and Graduate level STT 666 QTR EQUIV: STT 740
	VERSION: REV **COURSE:** STT7400 - Categorical Data Analysis **STUDENT REC TITLE:** Categoric Data Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Standard techniques for analyzing and describing two-dimensional contingency tables. Logistic regression models and loglinear models developed for data structures involving categorical response variables, including model selection procedures, diagnostics, association graphs, and collapsibility. SAS procedures used for analysis of data sets. Multi-graph representations. Repeated categorical response data and generalized linear mixed effects models. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 6620 and STT 6660 QTR PREREQ: Graduate level STT 662 and Graduate level STT 666 QTR EQUIV: STT 740

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
540 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT744 - Applied Multivariate Analysis **STUDENT REC TITLE:** Applied Multivariate Analysis **EFFECTIVE:** Winter 2010 **COURSE DESC:** Matrix theory, multivariate distributions, likelihood ratio tests, MANOVA, covariance structure analysis, and classification techniques. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 667 and MTH 232 QTR EQUIV: STT 744
	VERSION: REV **COURSE:** STT7440 - Applied Multivariate Analysis **STUDENT REC TITLE:** Multivariate Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Matrix theory, multivariate distributions, likelihood ratio tests, MANOVA, principal component and factor analysis, canonical correlation analysis, finite mixture models and the EM algorithm, and classification techniques. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: MTH 2320 and STT 6670 QTR PREREQ: Graduate level STT 667 and MTH 232 QTR EQUIV: STT 744

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
539 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT762 - Topics in Linear Models **STUDENT REC TITLE:** Topics in Linear Models **EFFECTIVE:** Winter 2010 **COURSE DESC:** Computing techniques and applications of the general linear model. Correlation and regression are emphasized. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 761 QTR EQUIV: STT 762
	VERSION: REV **COURSE:** STT7620 - Advanced Topics in Linear Models **STUDENT REC TITLE:** Adv Topics Linear Models **EFFECTIVE:** Fall 2012 **COURSE DESC:** The generalized linear model. Logistic and Poisson regression, multinomial responses, log-linear models and contingency tables. Maximum likelihood estimation. Model selection, diagnostics. Generalized linear mixed effects models and repeated measurements. Computer software is used to analyze the data sets. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 6620 and STT 6660 QTR PREREQ: Graduate level STT 761 QTR EQUIV: STT 762

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
543 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT767 - Applied Regression Analysis **STUDENT REC TITLE:** Applied Regression Analys **EFFECTIVE:** Winter 2010 **COURSE DESC:** Multiple linear regression with introduction to more complicated models, including nonlinear models and up-to-date computing techniques. Completion of a mathematical statistics course or permission of instructor. **COLLEGE:** College of Science & Math **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 666 QTR EQUIV: STT 767
	VERSION: REV **COURSE:** STT7670 - Applied Regression Analysis **STUDENT REC TITLE:** Appl Regression Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Multiple linear regression with introduction to more complicated models, including nonlinear models and weighted least squares. Up-to-date computing techniques including nonparametric regression techniques. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 6660 QTR PREREQ: Graduate level STT 666 QTR EQUIV: STT 767

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
544 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT786 - Independent Reading in Statistics and Probability **STUDENT REC TITLE:** Ind Read in Stat and Prob **EFFECTIVE:** Winter 2010 **COURSE DESC:** Independent reading in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** STT7860 - Independent Reading in Statistics and Probability **STUDENT REC TITLE:** Ind Read Stat and Prob **EFFECTIVE:** Fall 2012 **COURSE DESC:** Independent reading in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
545 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT791 - Statistical Consulting **STUDENT REC TITLE:** Statistical Consulting **EFFECTIVE:** Winter 2010 **COURSE DESC:** Consultation with graduate students and faculty on statistical problems arising from research projects. **COLLEGE:** College of Science & Math **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Seminar RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: Graduate level STT 662 and Graduate level STT 667 QTR EQUIV: STT 791
	VERSION: REV **COURSE:** STT7910 - Statistical Consulting **STUDENT REC TITLE:** Statistical Consulting **EFFECTIVE:** Fall 2012 **COURSE DESC:** Consultation with graduate students and faculty on statistical problems arising from research projects. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 2 - 3 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: STT 6620 and STT 6670 QTR PREREQ: Graduate level STT 662 and Graduate level STT 667 QTR EQUIV: STT 791

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
547 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT796 - Topics in Statistics and Probability **STUDENT REC TITLE:** Topics in Stat and Prob **EFFECTIVE:** Winter 2010 **COURSE DESC:** Topics in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** STT7960 - Topics in Statistics and Probability **STUDENT REC TITLE:** Topics in Stat and Prob **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics in statistics and probability. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 4 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
548 **STATUS:** Complete **CREATOR:** Jean Eyink **CREATED:** 11/24/09 **APPROVED:** 6/16/10 WorkFlow	**VERSION:** CURR **COURSE:** STT899 - Graduate Research **STUDENT REC TITLE:** Graduate Research **EFFECTIVE:** Winter 2010 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate
	VERSION: REV **COURSE:** STT8990 - Graduate Research **STUDENT REC TITLE:** Graduate Research **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised thesis research. **COLLEGE:** College of Science & Math **CRED HR:** 0 **VAR CRED RANGE:** 1 - 12 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 999 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5184 **STATUS:** Complete **CREATOR:** Carl Brun **CREATED:** 9/16/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** SW599 - Studies in Selected Subjects **STUDENT REC TITLE:** Studies in Selected Subjects **EFFECTIVE:** Fall 2010 **COURSE DESC:** Variable content dealing with problems, approaches, and topics in the field of social work. Titles vary. May be taken for a letter grade or pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SW 599
	VERSION: REV **COURSE:** SW6890 - Selected Topics in Social Work **STUDENT REC TITLE:** Selected Topics in SW **EFFECTIVE:** Fall 2012 **COURSE DESC:** Selected topics related to current issues in social work practice; readings, research, and discussion. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 XLIST: SW 3890 QTR EQUIV: SW 599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5233 **STATUS:** Complete **CREATOR:** Carl Brun **CREATED:** 9/17/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** SW662 - Social Gerontology I **STUDENT REC TITLE:** Social Gerontology I **EFFECTIVE:** Fall 2010 **COURSE DESC:** (Also listed as SOC 662.) Social aspects of aging. The needs of the population and society's response to those needs. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: SW 662
	VERSION: REV **COURSE:** SW6620 - Social Gerontology I **STUDENT REC TITLE:** Social Gerontology I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the social aspects of aging, the needs of the aging population, and society's response to those needs. A life course perspective that incorporates cultural, economic, historical and structural contexts provides the framework for examining aging-related issues, particularly in regards to the impact on quality of life for older adults. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate XLIST: SOC 6820, SW 4620, SOC 4820 QTR EQUIV: SW 662

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5258 **STATUS:** Complete **CREATOR:** Carl Brun **CREATED:** 9/17/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** REV **COURSE:** SW6730 - Child Welfare I **STUDENT REC TITLE:** Child Welfare I **EFFECTIVE:** Fall 2012 **COURSE DESC:** Framework for categorizing child welfare problems. Historical and current examination of legislation, policies, programs, and services to address child welfare needs, including the role of the child welfare worker. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: SW 4730

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5260 **STATUS:** Complete **CREATOR:** Carl Brun **CREATED:** 9/17/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** REV **COURSE:** SW6740 - Child Welfare II **STUDENT REC TITLE:** Child Welfare II **EFFECTIVE:** Fall 2012 **COURSE DESC:** Addresses the developmental and permanence needs of children in the child welfare system. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. XLIST: SW 4735

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5246 **STATUS:** Complete **CREATOR:** Carl Brun **CREATED:** 9/17/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** SW680 - Gerentology Practicum **STUDENT REC TITLE:** Gerentology Practicum **EFFECTIVE:** Fall 2010 **COURSE DESC:** Supervised learning under direction of faculty and agency staff. Ten weeks/twenty hours per week, or twenty weeks/ten hours per week. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR PREREQ: SW 462 or SOC 462 QTR EQUIV: SW 680
	VERSION: REV **COURSE:** SW6800 - Gerontology Practicum **STUDENT REC TITLE:** Gerontology Practicum **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised learning under direction of the Gerontology Certificate Director and staff from a social service agency serving older adults. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Practicum REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in Gerontology Certificate SEM PREREQ: SW 6620 or SOC 6820 COREQ: SW 6850 QTR PREREQ: SW 462 or SOC 462 QTR EQUIV: SW 680

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5245 **STATUS:** Complete **CREATOR:** Carl Brun **CREATED:** 9/17/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** REV **COURSE:** SW6850 - Gerontology Certificate Project **STUDENT REC TITLE:** Gero Cert Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Applied research in an agency setting that serves older adults under the guidance of the gerontology certificate director. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study, Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be in gerontology certificate program. SEM PREREQ: SW 6620 or SOC 6820 XLIST: SW 6880 QTR PREREQ: SW 462, SW 662, Soc 462, or Soc 662

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5261 **STATUS:** Complete **CREATOR:** Carl Brun **CREATED:** 9/17/10 **APPROVED:** 10/4/10 WorkFlow	**VERSION:** CURR **COURSE:** SW695 - Social Work Foundation Topics **STUDENT REC TITLE:** SW Foundation Topics **EFFECTIVE:** Fall 2010 **COURSE DESC:** The Social Work Foundation Courses include content in human behavior in the social environment, social welfare policies and programs, social work practice, and social work research. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Programs: WSU-OSU Master of Social Wk-ND May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: SW 695
	VERSION: REV **COURSE:** SW6950 - Social Work Foundation Topics **STUDENT REC TITLE:** SW Foundation Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Topics include content in human behavior in the social environment, social welfare policies and programs, social work practice, and social work research. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Programs: Master of Social Work. QTR EQUIV: SW 695

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6793 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/5/11 **APPROVED:** 2/17/11 WorkFlow	**VERSION:** CURR **COURSE:** TTW645 - Introduction to Transition **STUDENT REC TITLE:** Intro to Transition **EFFECTIVE:** Winter 2011 **COURSE DESC:** Provides an overview of the Career Technical Education (CTE) Special Education process and how both relate to the transition of the students to work. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: TTW 645
	VERSION: REV **COURSE:** TTW6450 - Introduction to Transition **STUDENT REC TITLE:** Intro Transition **EFFECTIVE:** Fall 2012 **COURSE DESC:** Overview of the impact of Career Technical Education and Special Education processes on the transition of students with exceptionalities from high school to adulthood, particularly in the area of employment. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Transition to Work. QTR EQUIV: TTW 645

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6794 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/5/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** TTW646 - Vocational Evaluation and Job Placement Techniques **STUDENT REC TITLE:** Voc Eval/Placmnt Techng **EFFECTIVE:** Winter 2011 **COURSE DESC:** Provides theoretical orientation, development and utilization of data for hypothesis testing and communicating vocational data. Introduces career development theories, theoretical orientation and job placement strategies and techniques which facilitate employment of people with disabilities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: 645 QTR EQUIV: TTW 646
	VERSION: REV **COURSE:** TTW6460 - Vocational Evaluation and Job Placement Techniques **STUDENT REC TITLE:** Voc Eval/Job Placement **EFFECTIVE:** Fall 2012 **COURSE DESC:** Theoretical orientation, development and utilization of data for hypothesis testing and communicating vocational data. Includes career development theories and job placement strategies and techniques to facilitate employment of people with disabilities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Transition to Work ADD INFO: Licensure program for which this course is required: Transition to Work endorsement. SEM PREREQ: TTW 6450 with concurrency. QTR PREREQ: 645 QTR EQUIV: TTW 646

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6795 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/5/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** TTW647 - Transition to Work Internship I: Career Assessment **STUDENT REC TITLE:** TTW Int I: Career Assmt **EFFECTIVE:** Winter 2011 **COURSE DESC:** As an internship course, the student will, through experience, reading, assignment and discussion, gain a comprehensive understanding of Carrer Assessment/Vocational Evaluation as an integral part of the transition process. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: TTW 645 QTR EQUIV: TTW 647
	VERSION: REV **COURSE:** TTW6470 - Transition to Work Internship: Career Assessment **STUDENT REC TITLE:** TTW Int: Career Assess **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students assigned to an experienced career assessment professional in the field for observing, discussing, researching, and practicing skills in the area of career assessment, particularly those related to transition of individuals with disabilities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Transition to Work. ADD INFO: Licensure program for which this course is required: Transition to Work endorsement. SEM PREREQ: TTW 6450 QTR PREREQ: TTW 645 QTR EQUIV: TTW 647

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6796 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/5/11 **APPROVED:** 2/11/11 WorkFlow	**VERSION:** CURR **COURSE:** TTW648 - Transition to Work Internship II: Vocational Special Education **STUDENT REC TITLE:** TTW Int II: Vose **EFFECTIVE:** Winter 2011 **COURSE DESC:** As an internship course, the student will, through experience, reading, assignments and discussion, gain a comprehensive understanding of the Vocational Special Education Coordinator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: TTW 645 QTR EQUIV: TTW 648
	VERSION: REV **COURSE:** TTW6480 - Transition to Work Internship: Vocational Special Education **STUDENT REC TITLE:** TTW Int: Voc Sped **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students assigned to an experienced vocational special educator in the field for observing, discussing, researching, and practicing skills in the area of vocational special education, particularly those related to transition of individuals with disabilities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Transition to Work ADD INFO: Licensure program for which this course is required: Transition to Work endorsement. SEM PREREQ: TTW 6450 QTR PREREQ: TTW 645 QTR EQUIV: TTW 648

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6798 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/5/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** TTW649 - Transition to Work Internship III: Job Training Coordinator **STUDENT REC TITLE:** TTW Int III: JTC **EFFECTIVE:** Winter 2011 **COURSE DESC:** As an internship course, the student will gain an understanding of the job placement process from the perspective of collaboration between support agencies and a Job Training Coordinator. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: TTW 645 QTR EQUIV: TTW 649
	VERSION: REV **COURSE:** TTW6490 - Transition to Work Internship: Job Training Coordinator Internship **STUDENT REC TITLE:** TTW Int: Job Trning Cord **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students assigned to an experienced job training coordinator in the field for observing, discussing, researching, and practicing skills in the area of job placement, particularly those related to collaborating with support agencies for transition. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Transition to Work ADD INFO: Licensure program for which this course is required: Transition to Work endorsement SEM PREREQ: TTW 6450 QTR PREREQ: TTW 645 QTR EQUIV: TTW 649

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6799 **STATUS:** Complete **CREATOR:** Melissa Rubins **CREATED:** 1/5/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** TTW650 - Transition to Work Internship IV: Work Study **STUDENT REC TITLE:** TTW Int IV: Work Study **EFFECTIVE:** Winter 2011 **COURSE DESC:** This internship course is designed to provide basic informatinoon technology skills that can be used in the TTW process and a basic understanding of the work study process. **COLLEGE:** College of Ed & Human Services **CRED HR:** 2 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: TTW 645 QTR EQUIV: TTW 650
	VERSION: REV **COURSE:** TTW6500 - Transition to Work Internship: Work Study **STUDENT REC TITLE:** TTW Int: Wrk Stdy **EFFECTIVE:** Fall 2012 **COURSE DESC:** Students assigned to an experienced Transition to Work Coordinator in the field for observing, discussing, researching, and practicing skills in coordinating direct and related transition services for students with various disabilities. **COLLEGE:** College of Ed & Human Services **CRED HR:** 1 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Transition to Work ADD INFO: Licensure program for which this course is required: Transition to Work endorsement SEM PREREQ: TTW 6450 QTR PREREQ: TTW 645 QTR EQUIV: TTW 650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4098 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 7/5/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS413 - Legal Environment of Public Administration **STUDENT REC TITLE:** Legal Environment of PA **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines the constitutional context of public administration and administrative rulemaking. Topics include local rules and codes, the administrative appeals process, and sunshine and public records law. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR EQUIV: URS 613
	VERSION: CURR **COURSE:** URS613 - Legal Environment of Public Administration **STUDENT REC TITLE:** Legal Environment of PA **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines the constitutional context of public administration and administrative rulemaking. Topics include local rules and codes, the administrative appeals process, and sunshine and public records laws. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: URS 613
	VERSION: REV **COURSE:** URS6430 - Administrative Law **STUDENT REC TITLE:** Administrative Law **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the constitutional foundations of administrative law and the legal context of federal, state and local administrative rule making and adjudication. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4430 QTR EQUIV: URS 613

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5874 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/1/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** URS423 - Issues in Metropolitan Administration **STUDENT REC TITLE:** Issues in Metro Admin **EFFECTIVE:** Winter 2011 **COURSE DESC:** Courses taught under this title will explore issues and topics related to the administration of nonprofit organizations, community development agencies, and local governments in metropolitan areas. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Undergraduate **COURSE TYPE:** Lecture QTR EQUIV: URS 621
	VERSION: REV **COURSE:** URS6260 - Public Administration in a Global Society **STUDENT REC TITLE:** PA in a Global Society **EFFECTIVE:** Fall 2012 **COURSE DESC:** Places American public administration traditions and practices into comparative perspective. Explores the similarities and differences between administrative work in the U.S. and other countries around the world. Examines the extent to which globalization has affected the practice of public administration as well as global trends that have become apparent in administrative reform today. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4260 QTR EQUIV: URS 621

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6576 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 11/16/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS612 - Cities and Technology **STUDENT REC TITLE:** Cities and Technology **EFFECTIVE:** Winter 2011 **COURSE DESC:** Cities and technology deals with the evolving relationship between technology and urban growth, physical form, government, and politics. Explores how technological fixes for complex urban problems have shaped urban development and politics. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 612
	VERSION: REV **COURSE:** URS6410 - Cities and Technology **STUDENT REC TITLE:** Cities and Technology **EFFECTIVE:** Fall 2012 **COURSE DESC:** Studies the evolving relationship between technology and urban growth, physical form, government, and politics. Explores how technological fixes for complex urban problems have shaped urban development and politics. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000; 7010 XLIST: URS 4410 QTR EQUIV: URS 612

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5983 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/4/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS616 - Community Development II **STUDENT REC TITLE:** Community Develop II **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines three fundamental organizing strategies-self-help, technical assistance, and conflict-which are used to improve a community's quality of life. The course combines classroom learning and field observation. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 616
	VERSION: REV **COURSE:** URS6450 - Community Development: Principles and Practice **STUDENT REC TITLE:** Community Development **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores evolution of community development theory and practice in the U.S and examines the process of community building and asset-based community development. Topics include how to help community members define community needs and identify community assets, analyze and present qualitative data, and develop critical thinking and problem-solving skills as they relate to community development. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. ADD INFO: Service Learning SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4450 QTR EQUIV: URS 616

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6270 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/18/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS617 - Public Sector Labor Relations **STUDENT REC TITLE:** Urban Labor Relations **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines collective bargaining, the negotiation process, impasse resolution, and contract and grievance administration in local government. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 617
	VERSION: REV **COURSE:** URS6240 - Public Sector Labor Relations **STUDENT REC TITLE:** Pub. Sec. Lab. Relations **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines collective bargaining, the negotiation process, impasse resolution, and contract and grievance administration in local government. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000, URS 7010 XLIST: URS 4240 QTR EQUIV: URS 617

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6531 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 11/9/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS618 - Urban Public Works Administration **STUDENT REC TITLE:** Urban Public Wrks Admin **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines the community's infrastructure with an emphasis on capital improvements programming. Reviews the community's development of the street system, water and sewer systems, solid waste management, and code enforcement. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 618
	VERSION: REV **COURSE:** URS6480 - Public Works **STUDENT REC TITLE:** Public Works **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the community's infrastructure with an emphasis on capital improvements programming. Reviews the community's development of the street system, water and sewer systems, solid waste management, and code enforcement. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4480 QTR EQUIV: URS 618

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8042 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/14/11 **APPROVED:** 11/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS623 - Issues in Metro Admin **STUDENT REC TITLE:** Issues in Metro Admin **EFFECTIVE:** Winter 2012 **COURSE DESC:** Courses taught under this title will explore issues and topics related to the administration of nonprofit organizations, community development agencies, and local governments in metropolitan areas. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 623
	VERSION: REV **COURSE:** URS6200 - Public Management Strategies **STUDENT REC TITLE:** Public Mgt. Strategies **EFFECTIVE:** Fall 2012 **COURSE DESC:** Investigates urban management and various techniques to achieve public service goals, including efficiency, quality, and effectiveness. Study of program design, planning, fiscal management, resource allocation through budgeting, program development,and organizational development. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Master of Public Administration. SEM PREREQ: URS 7000 XLIST: URS 4200 QTR EQUIV: URS 623

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
5877 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/1/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** URS670 - Public and Nonprofit Leadership **STUDENT REC TITLE:** Public & NP Leadership **EFFECTIVE:** Winter 2011 **COURSE DESC:** Study of urban government leadership and community decision making. Major theories and concepts of leadership behavior within organizations and macro studies of urban community power systems. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 670
	VERSION: REV **COURSE:** URS6210 - Public Leadership and Change **STUDENT REC TITLE:** Pub. Leadership & Change **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the leadership role of the public and nonprofit administrators in formulating programs, policies, and service delivery options. Explores topics such as managing internal and external environments, improving productivity and effectiveness, policy/program creation, and the dynamics of change. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4210 QTR EQUIV: URS 670

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6533 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 11/9/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS623 - Issues in Metro Admin **STUDENT REC TITLE:** Issues in Metro Admin **EFFECTIVE:** Winter 2011 **COURSE DESC:** Courses taught under this title will explore issues and topics related to the administration of nonprofit organizations, community development agencies, and local governments in metropolitan areas. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 623
	VERSION: REV **COURSE:** URS6290 - Issues in Urban Management **STUDENT REC TITLE:** Issues in Urb. Mgt. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores issues and topics related to the administration of community development agencies and local governments in metropolitan areas. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4290 QTR EQUIV: URS 623

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
6898 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 1/18/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS623 - Issues in Metro Admin **STUDENT REC TITLE:** Issues in Metro Admin **EFFECTIVE:** Winter 2011 **COURSE DESC:** Courses taught under this title will explore issues and topics related to the administration of nonprofit organizations, community development agencies, and local governments in metropolitan areas. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 623
	VERSION: REV **COURSE:** URS6390 - Issues in Nonprofit Administration **STUDENT REC TITLE:** Issues-Nonprofit Admin **EFFECTIVE:** Fall 2012 **COURSE DESC:** Exploration of issues and topics related to the administration of nonprofit organizations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000; URS 7010 XLIST: URS 4390 QTR EQUIV: URS 623

Course Inventory Process Tracking - Detail - Approved

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FORM	COURSE INFORMATION
3463 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** URS650 - Ethics in Public Service **STUDENT REC TITLE:** Ethics in Public Serv **EFFECTIVE:** Fall 2010 **COURSE DESC:** Systematic development of ethics in public service, including individual roles and obligations, values, standards, and codes of conduct. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 650
	VERSION: REV **COURSE:** URS6230 - Ethics and Leadership in Public Service **STUDENT REC TITLE:** Ethics & Leadership **EFFECTIVE:** Fall 2012 **COURSE DESC:** A systematic study of ethics and leadership in public service. Examines models of contemporary leadership and ethical reasoning, and the relevant roles, obligations, values, standards, codes of conduct, and strategies for resolving ethical dilemmas within the context of organizations, communities, and governance. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters of Public Administration. SEM PREREQ: URS 7000 QTR EQUIV: URS 650

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6902 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 1/18/11 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS624 - Issues in Metropolitan Planning **STUDENT REC TITLE:** Issues in Metro Planning **EFFECTIVE:** Winter 2011 **COURSE DESC:** Various issues related to planning metropolitan environments. Topics may include housing, strategic planning, and growth and regionalism. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: URS 7000; URS 7010 QTR EQUIV: URS 624
	VERSION: REV **COURSE:** URS6500 - Issues in Metropolitan Planning **STUDENT REC TITLE:** Issues in Metro Planning **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examination of a range of topics related to planning metropolitan environments. Topics include housing, growth and regionalism. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in the following program: MPA. XLIST: URS 4500 QTR PREREQ: URS 7000; URS 7010 QTR EQUIV: URS 624

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6535 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 11/9/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS625 - Issues in Metropolitan Development **STUDENT REC TITLE:** Issues in Metro Develop **EFFECTIVE:** Winter 2011 **COURSE DESC:** Explores issues that impact metropolitan development such as pollution, the nonprofit sector, and transportation. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 625
	VERSION: REV **COURSE:** URS6490 - Issues in Metropolitan Development **STUDENT REC TITLE:** Issues in Metro Dev. **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores issues that impact metropolitan development as well as the impact of development. Topics include pollution, international development, housing and transportation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000, URS 7010 XLIST: URS 4490 QTR EQUIV: URS 625

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5882 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/1/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** URS627 - Urban Policy Analysis **STUDENT REC TITLE:** Urban Policy Analysis **EFFECTIVE:** Winter 2011 **COURSE DESC:** (Also listed as PLS 427/627.) Study of the policy development process and its relationship to past and current urban issues. The course focuses on a current urban issue through discussion, reading, and research. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 627
	VERSION: REV **COURSE:** URS6270 - Pubic Policy Analysis **STUDENT REC TITLE:** Public Policy Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Study of the policy development process and its relationship to past and current urban issues. Focuses on a current urban issue through discussion, reading, and research. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled at the following level: Graduate. SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4270, PLS 4270, PLS 6270 QTR EQUIV: URS 627

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
7415 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 2/11/11 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** URS675 - Management of Urban Nonprofit Agenices **STUDENT REC TITLE:** Mgt of Urban Nonprofit **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines the organizational and managerial foundations of nonprofit organizations. Areas such as the nature and mission of nonprofit organizations, strategies for achieving the mission, roles involved, evaluating performance, resource development/fundraising, and managing volunteers are explored. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 675
	VERSION: REV **COURSE:** URS6300 - Nonprofit Administration **STUDENT REC TITLE:** Nonprofit Administration **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the organizational and managerial foundations of nonprofit organizations. Explores areas such as the nature and mission of nonprofit organizations, strategies for achieving the mission, roles involved, evaluating performance, resource development/fundraising, and managing volunteers. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA SEM PREREQ: URS 7000; URS 7010 QTR EQUIV: URS 675

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6529 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 11/9/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS678 - Managing Volunteer Organizations **STUDENT REC TITLE:** Managing Volunteer Org **EFFECTIVE:** Winter 2011 **COURSE DESC:** Study of the knowledge and skills needed by individuals managing volunteers. Components include volunteer recruitment; training; motivation and retention; risk management; the volunteer program evaluation. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: URS 678
	VERSION: REV **COURSE:** URS6320 - Managing Volunteer Organizations **STUDENT REC TITLE:** Managing Volunteer Org **EFFECTIVE:** Fall 2012 **COURSE DESC:** Prepares students to design, plan and evaluate volunteer programs. Topics address management principles including program design, recruitment, retention, training, and placement and assessment. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000 and URS 7010 QTR EQUIV: URS 678

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5886 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/1/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS676 - Fundraising/Grant Writing **STUDENT REC TITLE:** Fundraising/Grant Write **EFFECTIVE:** Winter 2011 **COURSE DESC:** Examines the concepts and processes fundamental to fundraising and grant writing. Students learn about the use tools, techniques and skills needed to raise funds and write grant proposals. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: URS 676
	VERSION: REV **COURSE:** URS6340 - Fundraising and Grant Writing **STUDENT REC TITLE:** Fundraising/Grant Write **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the concepts and processes fundamental to fundraising and grant writing. Explores tools, techniques and skills needed to raise funds and write grant proposals. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4340 QTR EQUIV: URS 676

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4129 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 7/6/10 **APPROVED:** 2/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS704 - Public Planning **STUDENT REC TITLE:** Public Planning **EFFECTIVE:** Fall 2010 **COURSE DESC:** Reviews concepts, theories, and practices of community development and planning. Evaluation of current developments in the field with special emphasis on implementation strategies. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: URS 700 QTR EQUIV: URS 704
	VERSION: REV **COURSE:** URS6400 - Community and Regional Planning **STUDENT REC TITLE:** Comm./Regional Planning **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores links between urban planning and urban administration, and planning as a profession and a process. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. SEM PREREQ: URS 7000 and URS 7010 XLIST: URS 4400 QTR PREREQ: URS 700 QTR EQUIV: URS 704

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3461 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** URS655 - Strategic Planning **STUDENT REC TITLE:** Strategic Planning **EFFECTIVE:** Fall 2010 **COURSE DESC:** Addresses the theory and practice of strategic thinking, planning, and management in public and nonprofit organizations. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: URS 655
	VERSION: REV **COURSE:** URS7020 - Strategic Planning and Program Evaluation **STUDENT REC TITLE:** Planning and Evaluation **EFFECTIVE:** Fall 2012 **COURSE DESC:** Addresses the theory and practice of strategic thinking, planning, and management in public and nonprofit organizations and familiarizes students with the major concepts, skills and approaches to program evaluation. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters of Public Administration. QTR EQUIV: URS 655

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6062 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/6/10 **APPROVED:** 10/29/10 WorkFlow	**VERSION:** CURR **COURSE:** URS690 - Special Topics **STUDENT REC TITLE:** Special Topics **EFFECTIVE:** Winter 2011 **COURSE DESC:** Advanced study in selected topics in urban studies. Topics may include new developments in methodology or the various subfields of the discipline. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: URS 700 QTR EQUIV: URS 690
	VERSION: REV **COURSE:** URS6900 - Special Topics **STUDENT REC TITLE:** Special Topics **EFFECTIVE:** Fall 2012 **COURSE DESC:** Advanced study in selected topics in urban studies. Topics may include new developments in methodology or the various subfields of the discipline. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 6 REP TIMES: 6 RESTRICTION: Must be enrolled in the following program: Master of Public Administration. SEM PREREQ: URS 7000 and URS 7010 QTR PREREQ: URS 700 QTR EQUIV: URS 690

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6150 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/11/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** URS791 - Urban Intership **STUDENT REC TITLE:** Urban Intership **EFFECTIVE:** Winter 2011 **COURSE DESC:** One quarter supervised internship of at least 200 hours in a selected urban government or agency, arranged in consultation with student's advisor or intern director. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: Graduate level URS 700 QTR EQUIV: URS 791
	VERSION: REV **COURSE:** URS6950 - MPA Internship **STUDENT REC TITLE:** MPA Internship **EFFECTIVE:** Fall 2012 **COURSE DESC:** A one semester supervised internship of at least 300 hours in a selected public, nonprofit or public-service private agency. Arranged in consultation with student's adviser or intern director. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. ADD INFO: Must have completed 24 hours of MPA Coursework. SEM PREREQ: URS 7000 and URS 7010 QTR PREREQ: Graduate level URS 700 QTR EQUIV: URS 791

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6151 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/11/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** URS791 - Urban Intership **STUDENT REC TITLE:** Urban Intership **EFFECTIVE:** Winter 2011 **COURSE DESC:** One quarter supervised internship of at least 200 hours in a selected urban government or agency, arranged in consultation with student's advisor or intern director. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: Graduate level URS 700 QTR EQUIV: URS 791
	VERSION: REV **COURSE:** URS6960 - Transit Intership **STUDENT REC TITLE:** Transit Intership **EFFECTIVE:** Fall 2012 **COURSE DESC:** A one semester supervised internship of at least 300 hours in a selected public, nonprofit or public-service transit agency. Arranged in consultation with student's adviser or intern director. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. ADD INFO: Must have completed 24 hours of MPA Coursework SEM PREREQ: URS 7000 and URS 7010 QTR PREREQ: Graduate level URS 700 QTR EQUIV: URS 791

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6156 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/11/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** URS791 - Urban Intership **STUDENT REC TITLE:** Urban Intership **EFFECTIVE:** Winter 2011 **COURSE DESC:** One quarter supervised internship of at least 200 hours in a selected urban government or agency, arranged in consultation with student's advisor or intern director. Graded pass/unsatisfactory. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Internship RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: Graduate level URS 700 QTR EQUIV: URS 791
	VERSION: REV **COURSE:** URS6970 - Nonprofit Leadership Alliance Internship **STUDENT REC TITLE:** NLA Intership **EFFECTIVE:** Fall 2012 **COURSE DESC:** A one quarter supervised internship of at least 300 hours in a selected nonprofit agency. Arranged in consultation with Director of American Humanics. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** P **LEVEL:** Graduate **COURSE TYPE:** Internship REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. ADD INFO: Must have completed 24 hours of MPA coursework. SEM PREREQ: URS 7000 and URS 7010 QTR PREREQ: Graduate level URS 700 QTR EQUIV: URS 791

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3440 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** URS700 - Environment of Public Administration **STUDENT REC TITLE:** Environ of Public Admin **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines the legal and political variables that affect the management and operation of local governments with special emphasis on Ohio. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 700
	VERSION: REV **COURSE:** URS7000 - Foundations and Tools of Public Administration **STUDENT REC TITLE:** Foundations/Tools of PA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines the legal and political variables and tools that affect the management and operation of local governments and nonprofit agencies. Special emphasis is placed on Ohio. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters of Public Administration. QTR EQUIV: URS 700

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3459 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** URS703 - Public and Nonprofit Budgeting **STUDENT REC TITLE:** Public & Non-Profit Budg **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focuses on the budget at the city level. Structural influences on the budget process are discussed. Different budget techniques are analyzed and critqued. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: URS 700 QTR EQUIV: URS 703
	VERSION: REV **COURSE:** URS7010 - Public Budgeting and Fiscal Management **STUDENT REC TITLE:** Budgeting & Fiscal Mgt **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on budget processes and financial management practices in the public and nonprofit sectors. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters of Public Administration. QTR PREREQ: URS 700 QTR EQUIV: URS 703

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3462 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** URS702 - Urban Organizational Theory and Management Behavior **STUDENT REC TITLE:** Urban Organ'l Theory **EFFECTIVE:** Fall 2010 **COURSE DESC:** Analysis of the fundamental behavior concepts and processes involved in public section organizations. Evaluation of approaches to major behavioral issues such as motivation, leadership, and management development. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR EQUIV: URS 702
	VERSION: REV **COURSE:** URS7030 - Organization Theory and Management Behavior **STUDENT REC TITLE:** Organization Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Analysis of the fundamental behavior concepts and processes involved in public sector organizations. Evaluation of approaches to major behavioral issues such as motivation, leadership, and management development. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters of Public Administration. SEM PREREQ: URS 7000 QTR EQUIV: URS 702

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3464 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 3/2/11 WorkFlow	**VERSION:** CURR **COURSE:** URS705 - Public Human Resources Administration **STUDENT REC TITLE:** Public Human Res Admin **EFFECTIVE:** Fall 2010 **COURSE DESC:** Examines personnel functions such as job evaluation, recruitment and selection, performance appraisal, compensation, training, labor relations, and affirmative action. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: URS 700 QTR EQUIV: URS 705
	VERSION: REV **COURSE:** URS7040 - Managing Human Resources in Public Service **STUDENT REC TITLE:** Human Resources in PA **EFFECTIVE:** Fall 2012 **COURSE DESC:** Examines personnel functions such as job evaluation, recruitment and selection, performance appraisal, compensation, training, labor relations, and affirmative action. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA SEM PREREQ: URS 7000 QTR PREREQ: URS 700 QTR EQUIV: URS 705

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8039 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/14/11 **APPROVED:** 11/10/11 WorkFlow	**VERSION:** CURR **COURSE:** URS707 - Quantitative Analysis for Public Managers **STUDENT REC TITLE:** Quant Analysis/Publ Mgrs **EFFECTIVE:** Winter 2012 **COURSE DESC:** Survey of the methodologies and concepts for analyzing the efficiency and effectiveness of decision-making, information management, and processes of the public organization. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: Graduate level URS 700 and Graduate level URS 701 and Graduate level URS 702 and Graduate level URS 703 and Graduate level URS 704 and Graduate level URS 705 and Graduate level URS 706 QTR EQUIV: URS 707
	VERSION: REV **COURSE:** URS7050 - Quantitative Analysis **STUDENT REC TITLE:** Quantitative Analysis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Survey of the fundamental concepts for statistical analysis of public affairs research. Emphasis on characteristics of distributions and random variables, diagnostic techniques, the tests of assumptions of each analysis and multiple and logistic regression. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Master of Public Administration. SEM PREREQ: URS 7000 and URS 7010 and URS 7020 QTR PREREQ: Graduate level URS 700 and Graduate level URS 701 and Graduate level URS 702 and Graduate level URS 703 and Graduate level URS 704 and Graduate level URS 705 and Graduate level URS 706 QTR EQUIV: URS 707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
8775 **STATUS:** Process **CREATOR:** Jennifer Subban **CREATED:** 4/4/12 **APPROVED:** 5/18/12 WorkFlow	**VERSION:** REV **COURSE:** URS7055 - Research Methods & Quantitative Analysis **STUDENT REC TITLE:** Res Meth & Quant Anal **EFFECTIVE:** Fall 2012 **COURSE DESC:** Combines a focus on different aspects of policy evaluation by obtaining facts and analyzing information on the impact of public programs with a survey of the methodologies and concepts for analyzing the efficiency and effectiveness of decision-making, information management, and processes of public organizations. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be an MPA student and have instructor permission SEM PREREQ: URS 700, 701, 702, 703, 704 & 705 QTR PREREQ: None QTR EQUIV: URS706&707

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3465 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** URS706 - Research Methods in Public Administration **STUDENT REC TITLE:** Res Methods in Pub Admin **EFFECTIVE:** Fall 2010 **COURSE DESC:** Focuses on different aspects of policy evaluation by obtaining facts and analyzing information on impact of public programs. Deals with controversy over the use of objective performance indicators and citizen surveys as program performance measures. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR PREREQ: URS 700 and URS 701 and URS 702 and URS 703 and URS 704 and URS 705 QTR EQUIV: URS 706
	VERSION: REV **COURSE:** URS7060 - Research Methods **STUDENT REC TITLE:** Research Methods **EFFECTIVE:** Fall 2012 **COURSE DESC:** Focuses on different aspects of policy evaluation by obtaining facts and analyzing information on the impact of public programs. Deals with controversy over the use of objective performance indicators and citizen surveys as program performance measures. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters of Public Administration. SEM PREREQ: URS 7000 and URS 7010 and URS 7020 and URS 7030 and URS 7040 and URS 7050 QTR PREREQ: URS 700 and URS 701 and URS 702 and URS 703 and URS 704 and URS 705 QTR EQUIV: URS 706

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3466 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** URS708 - Capstone Research Project **STUDENT REC TITLE:** Capstone Research Project **EFFECTIVE:** Fall 2010 **COURSE DESC:** Capstone research project for the master's degree in urban administration. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: URS 700 and URS 701 and URS 702 and URS 703 and URS 704 and URS 705 and URS 706 and URS 707 QTR EQUIV: URS 708
	VERSION: REV **COURSE:** URS7070 - MPA Capstone Project **STUDENT REC TITLE:** MPA Capstone Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Capstone research project for the master's degree in public administration. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters of Public Administration. SEM PREREQ: URS 7060 QTR PREREQ: URS 700 and URS 701 and URS 702 and URS 703 and URS 704 and URS 705 and URS 706 and URS 707 QTR EQUIV: URS 708

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3468 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** URS709 - Urban Research Project **STUDENT REC TITLE:** Urban Research Project **EFFECTIVE:** Fall 2010 **COURSE DESC:** Research project for the master's degree in Urban Administration. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: URS 700 (URS 700 can be taken concurrently)and URS 701 and URS 702 and URS 703 and URS 704 and URS 705 and URS 706 and URS 707 QTR EQUIV: URS 709
	VERSION: REV **COURSE:** URS7080 - MPA Applied Research Project **STUDENT REC TITLE:** MPA Applied Res. Project **EFFECTIVE:** Fall 2012 **COURSE DESC:** Research project for the master's degree in public administration **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: Masters of Public Administration. SEM PREREQ: URS 7060 QTR PREREQ: URS 700 (URS 700 can be taken concurrently)and URS 701 and URS 702 and URS 703 and URS 704 and URS 705 and URS 706 and URS 707 QTR EQUIV: URS 709

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
3469 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 5/24/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** URS799 - Urban Thesis **STUDENT REC TITLE:** Urban Thesis **EFFECTIVE:** Fall 2010 **COURSE DESC:** Under the supervision of a thesis committee and chair, students select an urban administration problem, prepare a proposal detailing the research question, complete the research, write their thesis with full documentation and defend their work before the committee. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Public Admin Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: URS 700 and URS 701 and URS 702 and URS 703 and URS 704 and URS 705 and URS 706 and URS 707 QTR EQUIV: URS 799
	VERSION: REV **COURSE:** URS7090 - MPA Thesis **STUDENT REC TITLE:** MPA Thesis **EFFECTIVE:** Fall 2012 **COURSE DESC:** Under the supervision of a thesis committee and chair, students select a public administration problem, prepare a proposal detailing the research question, complete the research, write their thesis with full documentation and defend their work before the committee. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** N **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 6 REP TIMES: 2 RESTRICTION: Must be enrolled in the following program: Masters of Public Administration. SEM PREREQ: URS 7060 QTR PREREQ: URS 700 and URS 701 and URS 702 and URS 703 and URS 704 and URS 705 and URS 706 and URS 707 QTR EQUIV: URS 799

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
6146 **STATUS:** Complete **CREATOR:** Jennifer Subban **CREATED:** 10/11/10 **APPROVED:** 11/1/10 WorkFlow	**VERSION:** CURR **COURSE:** URS793 - Directed Study in Urban Administration **STUDENT REC TITLE:** Direct Study in Urban Admin **EFFECTIVE:** Winter 2011 **COURSE DESC:** If previous knowledge and/or experience in a selected core course is demonstrated, then URS 793 may be substituted for that selected core course. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate Must be enrolled in one of the following Majors: Public Administration QTR PREREQ: Graduate level URS 700 QTR EQUIV: URS 793
	VERSION: REV **COURSE:** URS7220 - MPA Directed Study **STUDENT REC TITLE:** MPA Directed Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** If previous knowledge and/or experience in a selected core course is demonstrated, URS 7220 may be substituted for the selected core course. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in the following program: MPA. ADD INFO: If previous knowledge and/or experience in a selected core course is demonstrated, URS 7220 may be substituted for the selected core course. SEM PREREQ: URS 7000 and URS 7010 QTR PREREQ: Graduate level URS 700 QTR EQUIV: URS 793

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
4077 **STATUS:** Complete **CREATOR:** Kelli Zaytoun **CREATED:** 6/30/10 **APPROVED:** 8/6/10 WorkFlow	**VERSION:** CURR **COURSE:** WMS599 - Studies in Selected Subjects **STUDENT REC TITLE:** St in Selected Subjects **EFFECTIVE:** Fall 2010 **COURSE DESC:** Problems, approaches and topics in the field of women's studies. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: WMS 599
	VERSION: REV **COURSE:** WMS5990 - Studies in Selected Subjects **STUDENT REC TITLE:** St in Selected Subjects **EFFECTIVE:** Fall 2012 **COURSE DESC:** Issues, approaches, and topics in the field of women's studies. Titles vary. Topics vary. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Lecture REP HRS: 999 REP TIMES: 999 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. XLIST: WMS 3990 QTR EQUIV: WMS 599

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5583 **STATUS:** Complete **CREATOR:** Kelli Zaytoun **CREATED:** 9/26/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** WMS699 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2010 **COURSE DESC:** Supervised individual research on selected topics. Arranged between students and faculty member directing the study. **COLLEGE:** College of Liberal Arts **CRED HR:** 1 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Independent Study RESTRICTION: Must be enrolled in one of the following Levels: Graduate QTR EQUIV: WMS 699
	VERSION: REV **COURSE:** WMS6990 - Independent Study **STUDENT REC TITLE:** Independent Study **EFFECTIVE:** Fall 2012 **COURSE DESC:** Supervised individual research on selected topics arranged between students and faculty member. **COLLEGE:** College of Liberal Arts **CRED HR:** 0 **VAR CRED RANGE:** 1 - 3 **GRADE SYS:** O **LEVEL:** Graduate **COURSE TYPE:** Independent Study REP HRS: 3 REP TIMES: 2 RESTRICTION: Must be enrolled in one of the following Levels: Graduate SEM PREREQ: WMS 7000 or ENG 7140. QTR EQUIV: WMS 699

Course Inventory Process Tracking - Detail - Approved

*** Click on the WorkFlow button below to go to the Work Flow application

FORM	COURSE INFORMATION
5586 **STATUS:** Complete **CREATOR:** Kelli Zaytoun **CREATED:** 9/26/10 **APPROVED:** 10/11/10 WorkFlow	**VERSION:** CURR **COURSE:** WMS700 - Feminist Theory **STUDENT REC TITLE:** Feminist Theory **EFFECTIVE:** Fall 2010 **COURSE DESC:** This course explores major Western multiracial feminist theories from the late 18th century to the present. Students will analyze the works of influential feminist thinkers, and ponder major questions considered by feminist theorists. **COLLEGE:** College of Liberal Arts **CRED HR:** 4 **VAR CRED RANGE:** - **GRADE SYS:** **LEVEL:** Graduate **COURSE TYPE:** Lecture RESTRICTION: May not be enrolled in one of the following Levels: Undergraduate QTR EQUIV: WMS 700
	VERSION: REV **COURSE:** WMS7000 - Feminist Theory **STUDENT REC TITLE:** Feminist Theory **EFFECTIVE:** Fall 2012 **COURSE DESC:** Explores major Western multiracial feminist theories from the late 18th century to the present. Analysis of works of influential feminist thinkers and examination of major questions considered by feminist theorists. **COLLEGE:** College of Liberal Arts **CRED HR:** 3 **VAR CRED RANGE:** 0 - 0 **GRADE SYS:** S **LEVEL:** Graduate **COURSE TYPE:** Seminar REP HRS: 0 REP TIMES: 0 RESTRICTION: Must be enrolled in one of the following Levels: Graduate. QTR EQUIV: WMS 700